

10-16-2007

## Avion 2007-10-16

Embry-Riddle Aeronautical University

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## Panel speaks on diversity

### Focus on National Coming Out Day

Ren Xun Kwok  
Staff Reporter

"Talk About It" was this year's theme for the Human Rights Campaign's (HRC) National

Coming Out Day (NCOD) marking the 20 anniversary of the 1987 Gay and Lesbian March in Washington, D.C. and the unfurling of the AIDS Quilt at the National Mall. Previous NCOD events at the university, although funded by either the SGA or the Office of Diversity Initiatives, happened because of initiatives by student organizations such as the Gay-Lesbian-Bisexual Association or the Gay-Straight Alliance. This year's event, however, saw direct university support and leadership that came from the Office of Diversity Initiative.

Speaking to *The Avion* on the university's official standpoint for NCOD, the University's Director for the Office of Diversity Initiatives Dr. Joanne Detore-Nakamura emphasized, "we are not advocating any particular lifestyle; however, we do feel that it is important to create a learning environment that is free from harassment and discrimination." University President Dr. Johnson, matched her point of view, saying, "Embry-Riddle believes in a policy of inclusion and is supportive of the effort to diversify our campuses. We

are against discrimination of any kind and want all of our students to feel welcome and free from harassment."

The University invited a three-member panelist group that consisted of a commercial pilot, an electrical engineer and a research meteorologist from the National Oceanic and Atmospheric Administration (NOAA), who added in a humorous manner that the NOAA is actually paying him to "fly out here and handle the gay matters." All three members of the panel are outstanding leaders in their field of expertise, fields that are closely related to the ones that the University is preparing its students for.

The panel members shared with the audience their experience of coming out, both in their personal and professional life. While all three experiences were different, there was one area that was mutually common in their work environment. The panelists highlighted to the audience that in their professional environment, they are judged not by their sexual orientation, but by their ability to perform as a professional. Nakamura added that "much of the business of the aerospace and aviation industry is conducted in teams, and in the aerospace industry, diverse teams are put together to solve problems."

Johnson, Dean Taylor and Nakamura, made it clear that the University aims to provide a non-hostile environment where the

Please see "PANEL," page A3



REN XUN KWOK/AVION

THE OFFICE OF DIVERSITY Initiatives marked National Coming Out Day with an open panel discussion. The three-member panel consisted of industry professionals who shared experiences from their workplaces and personal lives.

## Alumni fly-in to top off Homecoming festivities

Chris Tezak  
Editor-in-Chief

This year's Homecoming festivities just got a little more interesting. Starting on Friday, Nov. 9, alumni from all over the country will be bringing their aircraft back to Embry-Riddle.

The Alumni Relations Department and the Student Government Association will be co-sponsoring an alumni fly-in. Taxiway Echo, adjacent to the Riddle ramp, will be closed to accommodate the aircraft which will run the gamut from small general aviation craft to larger business aircraft and war birds.

Already confirmed for the event are four P-51 Mustangs, an OV-10 Bronco, one of only four flying in the world, an N3N Navy biplane (one of approximately 20 flying in the world) and a Piaggio P180 Avanti II twin turboprop pusher. A possible static display is under consideration, which would allow the ERAU community to tour the aircraft and

talk to the pilots. SGA President Nate Clapper helped to organize the event and is looking forward to the festivities. "The fly-in will be a great opportunity for ERAU alumni and current students to share their passion for aviation and enjoy exciting Homecoming events," Clapper told *The Avion*.

Various alumni events are scheduled to take place during the weekend to go along with standard Homecoming events such as the Tailgate Party, Big Show, the Industry/Career Expo, and the Homecoming Parade. This year's Homecoming theme is "Prime Time Eagles" and will focus around television shows.

Apart from the fly-in and possible static display, on the afternoon of Saturday Nov. 10 Embry-Riddle sponsored aerobatics pilot Matt Chapman will be putting on a performance in his Mudry CAP 580.

The alumni and their aircraft will leave the taxiway on Sunday marking the end of Homecoming 2007.

## Mike Super dazzles crowd

John W. Smith III  
Entertainment Editor

Levitations, predictions, and voodoo magic was the story Wednesday, Oct. 10, as the entertainment division of the student government association Touch-N-Go (TNG) brought in illusionist Mike Super. After coming off of his world tour to Canada, Super took some time to stop by the Student Center and perform some of his critically acclaimed illusions.

Performing for Regis Philbin and Joan Rivers and winning many awards such as the 2003 Best Male Performer, his illusions are

fresh and his jokes kept the crowd laughing mildly in between. Opening the night with making a bowling ball appear out of a sketch pad drawing, the crowd was stunned but not quite all jaws dropped. Taking time to introduce his assistant (his younger sister) he proceeded to introduce himself and explain a little bit about his career and what the Embry-Riddle student body could expect from him that night.

After getting the entire crowd involved in a thumb flipping illusion, Super began to bring people out of the crowd beginning

Please see "SUPER," page A2



REN XUN KWOK/AVION

## Men's Soccer frustrated on senior night



MELANIE PUGH/AVION

THE EAGLES HAD A tough week, dropping games to Northwood and Lindsey Wilson. On Friday, their last home game of the season, the men saw seniors Carl Sheard, Ian Levine, and Hugh Davy say goodbye to the Embry-Riddle Soccer Stadium

Allison Smalling

### ERAU Sports Information

WEST PALM BEACH, Fla. – Jonathan Taylor scored a goal in each half of play to lift the Northwood (Fla.) men's soccer team to a 2-1 win over Embry-Riddle, Tuesday at the Northwood Soccer Field. The Seahawks improved their Florida Sun Conference record to 3-2-1 and are 4-2-1 overall, while the Eagles now stand at 3-6-2, and 3-3-1 in the league.

The Seahawks netted the first goal of the match in the 10th minute after a free kick led to a

Jonathan Taylor goal.

The Eagles equalized just under 15 minutes remaining in regulation. After the Seahawks played the ball out of bounds on the right side of the field, AJ Barrett took the throw and got the ball into the box and found the head of Hugh Davey. Davey's initial shot was save by Northwood goalkeeper Lars Lundgren, but he pushed the rebound out to Sam Litchfield who headed home his fourth goal of the year to tie the match.

With 4:17 left on the clock, Taylor took the ball from midfield to the right side and his low shot beat Ian Levine on the

near post to give the Seahawks the win.

The Eagles return to ERAU Soccer Stadium on Friday when they host fourth-ranked Lindsey Wilson at 7 p.m. Friday's contest will be the Eagles' final regular season home match of 2007.

DAYTONA BEACH, Fla. – The Embry-Riddle men's soccer team gave a good account of themselves against the fourth-ranked Lindsey Wilson Blue Raiders in non-conference action on Friday at the Embry-Riddle Soccer Stadium. The Eagles (3-7-2) scored first, but the Blue

Raiders battled back to win 2-1 and improve their overall record to 13-1.

The Eagles held the Blue Raiders, who are fourth in the nation in scoring a 4.77 goals per game, scoreless over the first 45 minutes of play and allowed the visitors only three shots in that frame.

The Eagles' best scoring opportunity of the first half came in the 32nd minute off the boot of Michael Scott. Scott's long range was headed for the upper left corner of the Lindsey

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Student Center food offerings to be remodded next year.

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Hizak wins third straight ITA "Super Bowl."

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Tribute to 60 years of supersonic flight.

Aeronautica, A9



# Student Center Food Court to be revamped

Mijeong Yoon  
**Comics Editor**

During the summer of 2008, the Student Center's Food Court, Landing Strip and Pacific Trader will be going through a makeover.

"I am excited about the changes to the Landing Strip and Pacific Trader," said Steve Andrade, Sodexo General Manager.

According to Andrade, the flooring will be redone and the different food stations will be moved or replaced.

"The Landing Strip will be renovated keeping the same selection of food ... [but] changing the configuration to make it easier for students to get their food," said Andrade.

The most noticeable addition will be a Chick-fil-A which will be accommodated by moving the three glass offices located at the north end of the dining area.

Hours of operations are still in discussions and the pricing will not increase besides the normal price changes due to market food prices. All dining options will take the usual Eagle Card related accounts, including meal plans.

In addition, as a part of the plans to relieve the congestion in the sub and panini area, the Sub station will be moved to where the Pacific Trader is currently located. The Pacific Trader will be relocated to sub station's current location, which will be rounded off for more preparation room. The Landing Strip will also have Freshens Smoothies and the pizza station,

which will be moved from the Student Center Food Court.

"The Salad Bar in the Student Center Food Court will be taken out and replaced on the other side next to the pizza station.

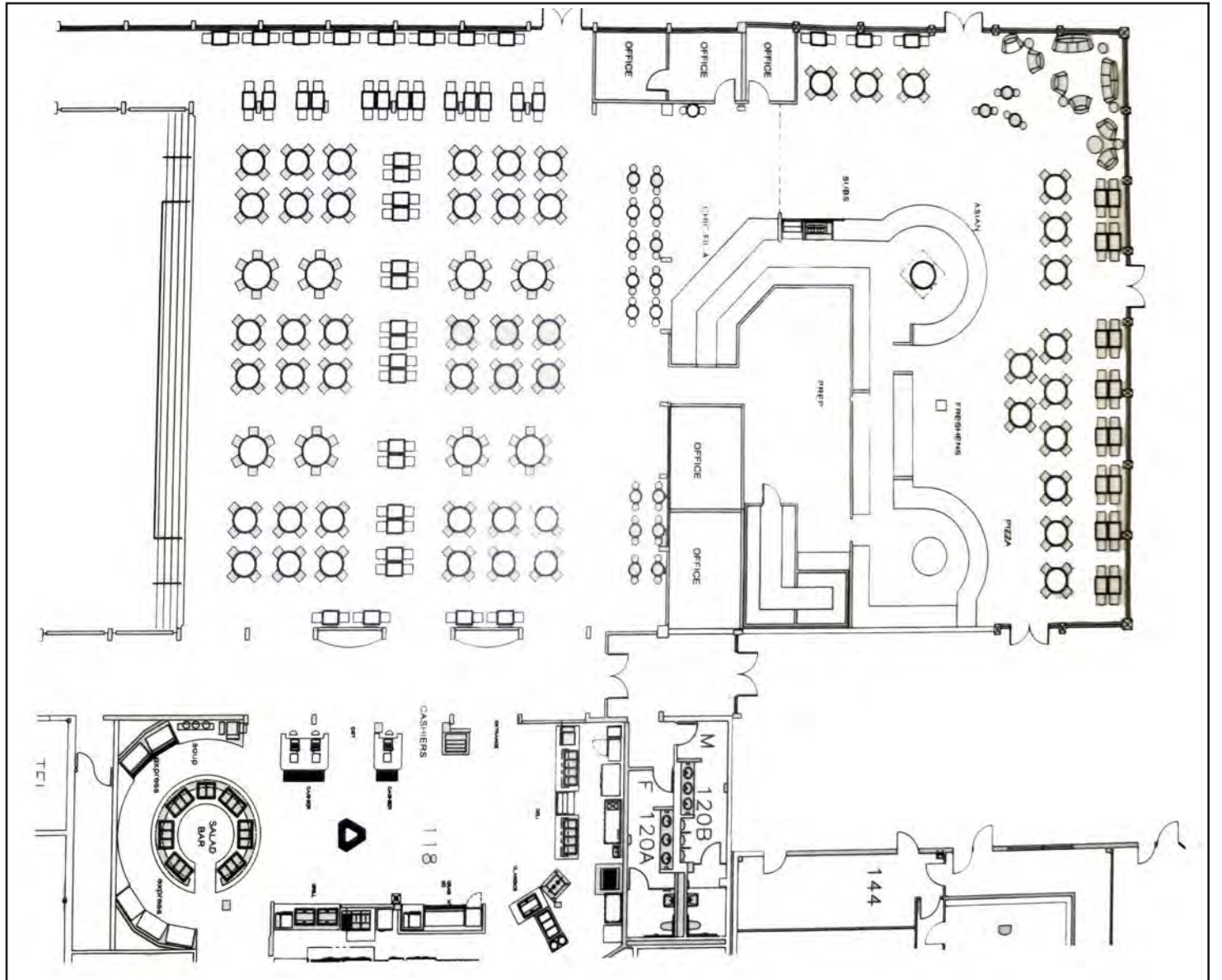
**"The additions of the Chick-fil-A as well as Starbucks and Smoothies was made from surveys we did with students ..."**

**-STEVE ANDRADE,**

That area of the food court will be grab and go as well as soups and coffee," said Andrade.

The south end of the Food Court will be rounded off to add the round-table style salad bar, which will enable the dining services to replenish the salad bar from the inside and eliminate the interference to customers who are trying to get salads.

"I expect tremendous excitement from students. The additions of the Chick-fil-A as well as Starbucks and Smoothies was made from surveys we did with students to find out what they wanted," said Andrade. He added, "Hopefully the Student Village will be the next area of renovations. When it was built, it was not built to serve as many students as is now presently eating there."



NAME/ORGANIZATION

**THE STUDENT CENTER FOOD** court will be remodeled starting in the summer of 2008. The new facilities will include a Chick-fil-A, Freshens smoothies, and a redesigned floor plan to better accommodate students.

## Illusionist does voodoo, levitation

□ **"SUPER"**  
from FRONT

with a female to help him with the famous solid ring and rope illusions. Sliding a solid ring around a rope and making the rope shorter seemed a bit amateur but his jokes made up for it. Bringing out the infamous deck of cards and having a five-year old pick one seemed a bit overdone until Super had the chosen card arise from a three-dimensional card deck drawn on a sketch pad. Upping the ante, he brought one of his trademarked tricks to the stage, which was voodoo magic. Pulling yet again another random person from the crowd who just happened to be from the Caribbean where Super learned the voodoo, he pulled hair from the volunteer and placed it onto the voodoo doll. At this point, he began to tap, burn, and poke the volunteer and was interesting to see the single marks on the volunteer's hand after Super burned the voodoo's hands with a lighter.

Setting up for his famous levitation illusion, he pulled another random female from the crowd to lie flat on board at which point Super removed the

supports and she floated precariously over the flight deck. After running a ring around her levitating body and snapping a few Polaroids Super began to wrap up the night by revealing predictions that were made before the show. He had the crowd throw around dice and when caught was asked a random question based around the board game clue. Three separate people caught the dice and named a guitar, Paris, and David Hasselhof. These sequence of answers meant that David Hasselhof was killed in Paris with a guitar at which point a young lady wrote down all three answers in the front row. Super then revealed his predictions that were locked in a box since the show began and inside the box were the three answers including the names of the people that gave him the answers, impressive to say the least.

Although the flight deck was shut down for nearly three hours that day while Super set the stage and placed all of his props, it seemed he barely used what he had brought. TNG can mark this as another successful production as well as finding good talent that could entertain the Embry-Riddle student body.

## Students go crafting for charity

Press Release  
**Off. of Diversity Initiatives**

More than 30 female students, faculty, and staff including the President's wife, Maurie Johnson, came to the Fountain Room of the Student Village to make crafts to adorn the Thanksgiving tables of the Children's Home Society's residential centers, where children from ages 5-17 live in several group homes after having been abandoned, neglected, or abused by their parents.

The event was coordinated by Dr. Joanne Detore-Nakamura, the new University Director of Diversity Initiatives for ERAU, and sponsored by her Office and the Women's Center, as one of the many initiatives designed to aid in the retention of female students.

"Female students indicated that they wanted to have more 'for women only.' events on

our surveys conducted at our For Women's Only orientation event," said Detore-Nakamura. "I thought this would be a great way for our female students to get together with faculty and staff to help other people as well as network with each other. What better way to bring some joy into the lives of the children at the residential centers and to get our female students involved with each other and with the community. Judging from the smiles, laughter, and all the chatting, I think it was very successful!"

Women at the event were treated to pizza, soda, cookies, chocolate, and vegetable and fruit trays. While they were making all sorts of crafts for Thanksgiving tables such as napkin rings, napkin holders, tea light holders, and turkeys, the women had a chance to watch a film with popcorn too. "Chick literature" books, iPod cases, dinner certificates, bagel and a shmeat certificates, and

movie tickets were raffled off so that every student who attended won a prize.

"I was having a bad day, and to realize that there is such a strong support system for women really lifted my spirits. I loved it!" said Christina Newell, a freshmen in Civil Engineering major, about her experience at the event.

Women in Aviation and the Society of Women Engineers set up recruiting tables. Paula Reed, Director of the Women's Center, provided each student with brochures about the Women's Center and discussed some of her new initiatives such as a peer mentoring project called LAMP, designed to help underachieving women through mentoring and tutoring. Detore-Nakamura discussed the importance of events like this one to bring women together as well as some of the other initiatives that are in process. Johnson talked about how committed to diversity both she and the President were. Nancy Brighton, a counselor from our counsel ring center, led the women in some affirmation activities. Other staff who attended were Sheila Tamm from Housing and Cindy Oakley from First Year Programs; both helped with attaining gift certificates, logistics, and advertising. Nancy Reidell, from Duplicating, and Peggy Roach from the Development Office, and Jeanni Bentley from Crime Prevention, were also on hand to network and to craft with the

young women.

Crafts will be delivered to the Children's Home Society later in the month by Detore-Nakamura and several female students who attended the event.

Female students interested in learning about more "For Women Only Events," should join the Facebook Group, "Wonder Women of ERAU," created by Detore-Nakamura. All women are invited to visit the Women's Center, which is a trailer, located near Canaveral Hall. Reed has created a very welcoming environment for women there. The Women's Center was displaced after the tornado and will only accommodate about eight students at a time. Detore-Nakamura and Reed are hoping to secure a much larger and permanent location in the Lindbergh Academic Complex for a combination Women's and Diversity Center like the one that exists on the Prescott Campus, if they get approval by the campus Space Committee. "We need a permanent location that will serve as a refuge, education, and conference center for women and minority students on campus that is accessible to all students including those with physical limitations," said Detore-Nakamura. The previous Women's Center was located on the second floor in Canaveral, which was not disability-accessible. Upcoming events include a Women's Health Fair by the Women's Center



PHOTO COURTESY JOANNE DETORE-NAKAMURA

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# Women's center hosts Tuesday Treasures

John W. Smith III  
Entertainment Editor

Sponsored by the Women's Center and the Office of Diversity Initiatives comes Tuesday's Treasure; a monthly meeting that brings female faculty and city officials to come in and share their expertise in their field. Led by Paula Reed, this monthly meeting brings food, refreshments, and information. This past Tuesday, Oct. 9, Mrs. Arleen Smith came into the Miller Instructional Center to talk about her Career in Aviation, which mainly focused on her job as the Coordinator of Airport Security here in Daytona Beach.

Smith began by telling that she had recently received her

private pilot's license and that soloing was one of the greatest things she had accomplished in her lifetime. Moving into her presentation, she gave a good description of the history of the Daytona Beach Airport. After its short-lived occupation of a beachside airport the operations moved to its current location in the 1920s. After explaining that the airport owns Olive Garden, Cancun Lagoon, all the surrounding hotels, the flight line and part of the race track, Smith began to describe the security measures that Daytona currently has and what they are doing in the near future.

Smith explained the runway updates, the maintenance schedule for the airport, key access points, and the repositioning of the bus depot for

further operations. The crowd was interested to hear the maintenance schedule of the runway, how the recently placed access road around the perimeter of the airport has increased security measures, and that just a few years ago, Daytona Beach airport was named the safest and quickest security checkpoint in the United States.

After the presentation, questions piled up, mainly regarding commercial airline carriers possibly moving into Daytona and popular direct flights that should come back to Daytona. All were answered by Smith saying "It's hard to compete with Orlando, but we do our best."

The meeting was anything but a waste of an afternoon but definitely a treasure worth finding next month.



JOHN W. SMITH III/AVION

THE WOMEN'S CENTER AND the Office of Diversity Initiatives held the first installment of the monthly Tuesday's Treasures last week. The event brings together female faculty and city officials to discuss current events and city planning.

## Up til' Dawn letter writing



MELANIE PUGH/AVION

UP TIL' DAWN HELD their annual letter writing event last Tuesday to raise money for St. Jude Children's Hospital. Over 5,800 letters were written by over 200 people, dwarfing the total written, some 3,300, for all of last year.

### “PANEL” from FRONT

students, faculty and staff have the chance to get along with others that are different. The university hopes that everyone people are not differentiated by country, customs, socio-economic background, religion, political views, or sexual orientation. The university wants to recognize that while there are some members of the Embry-Riddle family who do identify themselves as Lesbian, Bisexual, Gay and Transsexual (LBGT), no one in the diverse family should feel left out.

Embry-Riddle is following in the footsteps of companies such as Boeing, Lockheed Martin, Microsoft, Apple, United Airlines and American Airlines in their

recognition and acceptance of domestic partnerships. These are a few of the many multinational corporations that acknowledge and provide benefits for domestic partnerships. Also included in the list is BlueCross BlueShield Association, one of the many insurance companies that have insurance portfolios for domestic partnerships.

The greatest step taken to aid recognition and acceptance of diversity at Embry-Riddle comes from the Greek community, which is widely and commonly recognized as a huge part of college life. Lauren Moran, who is in charge of the Greek Life and the Volunteer Network was pleased to share with The Avion that there has been "a positive response to form a new chapter from Delta Lambda Phi", a national social fraternity for

gay, bisexual and progressive men, which was sparked by the LBGT interest group on campus. Delta Lambda Phi are following the strict process as per all fraternities when forming a new colony at Embry-Riddle, and, should they be accepted, would have to fulfill the strict standard requirements and process from being accepted as a colony into a chapter.

All year long, there are many events like Black History Month, International Day and Hispanic Heritage Month that celebrate the uniqueness of our students. Uniqueness is diverse and all-encompassing. Dean Taylor added, "We celebrate our uniqueness but also recognize what we all have in common, our love of aviation and our love of learning. That is what makes us a community."

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# Eagles sink Tritons in overtime



MELANIE PUGH/AVION

**THE EAGLES CONGRATULATE NO. 13, Lindsey Evans (center), after she scored the game-winning goal during the 92nd minute, with an assist by No. 18., Mandy Drummond, defeating Eckerd 1-0 in overtime. Tuesday night will be the team's final regular season home game.**

## Lindsey Wilson edges Embry-Riddle men 2-1

□ "SOCCER"  
from FRONT

Caetano just managed to push the ball over the crossbar for the save.

The Blue Raiders also had a couple of chances to take the lead with just under 10 minutes left in the first half, but ERAU netminder Ian Levine got some help from Richard Genge who made a save on the line, and Levine pulled in a save of his own to keep the score knotted at zero

heading into the half time break.

Ten minutes into the second half, the referee saw a Lindsey Wilson foul in the penalty box as the players were set up for an Embry-Riddle corner, and awarded the Eagles a penalty kick. Joe Yoffe took the penalty and put the Eagles up 1-0.

Less than three minutes later, the Blue Raiders scored the equalizer as Ryan Stewart picked up a short clearance by the Eagles and beat Levine to the lower left corner to

tie the game.

The Embry-Riddle defense did well to hold off the Lindsey Wilson attack over the next 20 minutes, but with 9:32 left on the clock, Nathaniel Jafta showed why he is the Blue Raiders' leading scorer as he finished a Carnell Learmond pass for the game-winner.

Embry-Riddle will play the remainder of its schedule on the road, with a return to conference play against Savannah College of Art & Design at 7 p.m. on Oct. 17.

## Eagles volleyball wins against St. Francis Saints



REN XUN KWOK/AVION

**MARISSA GONZALES TRIES TO block a Saint's attack. She served an ace for the Eagles and the game was closed on an attack by Alana Martinez, who notched four kills in game one.**

Press Release

ERAU Sports Info.

DAYTONA BEACH, Fla.- The Embry-Riddle Eagles won a quick three-game match against the St. Francis Saints marking 12 aces in the match, which was the first of two matches on Saturday, October 13 (30-25, 30-19, 30-25).

ERAU moves to 11-9 overall, while St. Francis tallies a record of 17-15. St. Francis will face Flagler College at 3:30 p.m. at the ICI Center.

The Eagles went up 22-13 in game one before the Saints began a comeback. Capitalizing on ERAU hitting errors

and the arm of Jack Fletcher, they were able to move back to within two at 24-22. Marissa Gonzales served an ace for the Eagles and the game was closed on an attack by Alana Martinez, who notched four kills in game one.

St. Francis stayed even with Embry-Riddle in the beginning of match two, until Jenni Neslen went to the service line and served an ace, tallying the next four points to put the Eagles in the lead 9-5. This was the sixth consecutive match that Nelsen has charted at least one ace; she had three in the match. The Eagle lead was extended to 15-9 when the Saints again made an attempt to come back moving the

score to 12-15, before the Eagles took a timeout. After the minute break Martinez killed the next set and put the ball back in the hands of the Eagles servers, who closed game two 30-19.

ERAU took game three 30-25, marking six aces in the final game. Gonzales marked four service aces in the match, with 32 assists and six digs. Janelle Marinos led the Eagles attackers with 15 kills and hitting .280. She also had nine digs and one ace. Martinez ended the night with 10 kills, six digs and three of each assists and aces.

Embry-Riddle will host Flagler College at 7 p.m. on Saturday evening.

Press Release

ERAU Sports Info.

DAYTONA BEACH, Fla. - The ERAU women's soccer team held in for 92+ minutes Thursday night against Eckerd College, defeating the Tritons 1-0 in overtime.

Lindsey Evans knocked in the game-winning goal for the Eagles (6-6, 2-1 Florida Sun Conference). Evans sent the ball in from well outside the box 2:27 into overtime off of a pass from Mandy Drummond. The goal sealed the third-straight victory for the Eagles and marked the second time this season ERAU nabbed an overtime victory.

The game was a battle and the Tritons (0-13) were gritty, notching 16 fouls to the four committed by the Eagles.

Embry-Riddle had the corner kick advantage on the night, taking four corner kicks while Eckerd was awarded just one.

The Eagles outshot the Tritons 12 to 8 with Elina Johansson taking a game-high six shots, three of which were on goal.

Stephanie Taylor was in goal for the Eagles for the 92-plus minutes, compiling five saves and earning the shutout.

Before tonight, each team had been into overtime only once this season. Eckerd fell to West Georgia 2-3 in overtime while Embry-Riddle downed Flagler in overtime by a score of 2-1.

Embry-Riddle will play another non-conference game this Saturday at home against Berry College (8-4-2) at 7 p.m. The Eagles play their last regular season home game on Tuesday Oct. 16 at 7 p.m. against FSC foe Webber International (5-6, 1-3 FSC).

DAYTONA BEACH, Fla.- Eagles soar through the air while Vikings navigate through the waters but for one night, the two met on the pitch of the ERAU Soccer Stadium.

Embry-Riddle (6-7) and Berry (9-4-2) played a women's soccer game on a beautiful Saturday evening in Daytona Beach with the Vikings coming out on top, 3-0.

The game winner was scored in the 10th minute as Berry's Laura Phyfer sent a shot to the back of the net off of a pass from Emily Bender.

The Lady Vikings extended their lead to two with just over five minutes remaining in the

first half. Viktoria Frost sent a ball inside to Courtney Weber, who converted for the team's second goal of the game. Weber notched her sixth goal of the season in the 77th minute, giving Berry the 3-0 victory.

Dena Rozalsky did as she should to halt the Vikings' offensive attacks, as she had a huge block in the 32nd minute. Weber looked to capitalize on ERAU's keeper being wide to the left but Rozalsky came in and cleared the ball well beyond the 18-yard box. Rozalsky also ended a Berry fast break with just under five minutes remaining in the first half by stepping in front of the Lady Viking and sending the ball deep into Berry territory.

The Eagles' home schedule will culminate on Tuesday against FSC competitor Webber International (5-6, 1-3 FSC) at 7 p.m. Before the game begins, ERAU will honor its four senior members, as they will be playing their final regular season home game as an ERAU Eagle.

Embry-Riddle encourages all fans to come out to ERAU Soccer Stadium and celebrate the careers Valerie Rogers, Stephanie Steele, Stephanie Taylor, and Sarah Valentine.

## Mislav Hizak defends national ITA title



CHRIS TEZAK/AVION

**MISLAV HIZAK DEFENDED HIS national title at the ITA National Small College Championship. The game win earned him a spot in the ITA's "Super Bowl." He proceeded to the finals against Alex Grubin and won. This was Hizak's third consecutive title.**

Press Release

ERAU Sports Info.

MOBILE, Ala. -- Embry-Riddle senior Mislav Hizak successfully defended his national title at the ITA National Small College Championship with a straight set victory over Auburn-Montgomery's Victor Sanakaipapi in the championship game on Saturday morning. Hizak, the tournament's top seed, dropped just two games in the first set before downing the second-seed Sanakaipapi 6-2, 6-0.

The win earned Hizak a spot in the ITA's "Super Bowl" on Saturday afternoon where he took on the winner of the National Junior/Community College title, Francisco Segura of Laredo. Hizak topped Segura 6-2, 6-1 and will face NCAA II national championship winner Alex Grubin (Concordia, N.Y.) in the "Super Bowl" final on Sunday morning.

MOBILE, Ala. -- In 2006, Mislav Hizak became the first men's player in the 21-year history of the ITA National Small College tournament to repeat as ITA "Super Bowl" champion. On Sunday, the Embry-Riddle senior extended his impressive "Super Bowl" title streak to three as he defeated Concordia's (N.Y.) Alex Grubin 6-3, 6-4 in the championship match at the Copeland-Cox Tennis Center.

"This is one of the best matches I've seen Mislav play," ERAU head coach Dave Paschal said. "Mislav knew it was going to be the toughest match he's ever played here, but he came out and dictated play the whole time. He stayed on top of Grubin and had a very solid serve. It was a phenomenal level of tennis, something you could see on the professional tour."

Hizak's "Super Bowl" title has earned him a wild card

entry into the ITA National Intercollegiate Indoor Championships hosted by The Ohio State University in Columbus, Ohio, Nov. 1-4. This tournament is the second of three national championships for Division I tennis and offers the small college participants the opportunity to become champions for all divisions of collegiate tennis.

In his first trip to Columbus in 2005, Hizak made his first appearance at the NCAA Division I Indoor Nationals. He won his first round match 6-3, 6-4 against top seed and defending champion Ryler DeHeart of the University of Illinois, marking the third time in four years that the No. 1 seed lost in the opening round. Hizak became the first NAIA player to defeat a top seed and was the first small college player to advance to the second round since Auburn-Montgomery's Sebastien Fitz achieved that feat in 2002.



# China to hold Communist congress

Mark Magnier

Los Angeles Times

China has impressed the world with its strong economy, growing global power and hard-working people. This week showcases another side of China that has changed little, as dynamism bows to pageantry, reform to stasis and fleet-footed talent to elitism.

On Monday, the Chinese Communist Party begins its weeklong 17th Party Congress, a once-every-five-years event when the nation is expected to march forward in lock step with one political voice.

Don't expect a public debate over China's huge rich-poor gap, growing social tension, environmental crisis or relations with Taiwan. Think coronation, not controversy.

Although important issues are covered in the long, lifeless speeches, they are handed down from on high, in keeping with a leadership keen to project an image of omniscient paternalism. Differences of opinion are best kept out of sight.

Control and secrecy are paramount. Nearly a year before the congress, the Propaganda Ministry distributed its list of forbidden media topics for 2007, from judicial corruption to the lifestyles of wealthy individuals and people having affairs. Several months ago, state media stopped reporting all "bad news." Until a few weeks ago, even the schedule was a state secret. The 2,217 delegates are sequestered in a handful of hotels, beyond the reach of family, friends or reporters.

Internet controls have been tightened, about 18,000 Web sites shut down, television broadcasts banned, reality shows and foreign dramas yanked. Most on the government's list of "troublemakers," including chronic petitioners, civic group members and social activists, have received police warnings, been placed under house arrest or detained.

"I was told not to go to Beijing during the 17th Party Congress," said Ai Xiaoming, professor at Zhongshan University in Guangzhou, who has produced documentaries on village elections and AIDS. "How can a powerful party be so scared of an individual? What a funny idea that a professor can't go to Beijing."

In most nations, a leader's second term evokes lame-duck imagery. In China, President Hu Jintao, 65, is only getting started. The Chinese president has spent most of the last five years con-

“  
Personally, I've never seen any democracy within the party.”

-PROF. HE HUSHENG

solidating his power and is now poised in his second term to make his mark.

This includes enshrining his philosophy and core slogans in party documents. Thus Hu's "Creation of a Harmonious Society" and "Scientific Development" -- programs focused on helping the underprivileged -- are slated to join the ranks of Mao's thought, Deng Xiaoping's theories and Jiang Zemin's "Three Represents."

That said, few people expect bold pronouncements from Hu, a

cautious, largely colorless leader with a near-photographic memory and the political skills to rise through treacherous party ranks.

For tea-leaf watchers, the main show will be personnel changes. The congress selects a new 190-member Central Committee, which in turn appoints the crucial 25-member Politburo, average age 66, and the elite nine-member Standing Committee, average age 65. By tradition, Hu's successor must be named to the Standing Committee in

“  
...I think China is far, far away from its goal of a harmonious society...  
-GUO LINGJIANG”

preparation for taking the reins in 2012.

The days when a Mao or Deng could decree their successor, however, appear to be over. Rumors suggest Hu's preferred candidate -- Li Keqiang, 52, the party secretary of Liaoning province -- might not be a shoo-in for the top job given inadequate support and a perceived lack of experience. Some observers see recently named Shanghai Party Secretary Xi Jinping, 54, as a stronger contender. The two embody different factions. Li is associated with Hu's Communist Youth League base, while Xi represents the "princelings," or sons and daughters of top officials.

While some people see in this drama evidence that the system is grinding toward a more consensus-oriented way of making decisions, others wonder whether Hu has fully consolidated his power.

At the weeklong congress, Hu is expected to tout the results of his recent, high-profile anti-corruption campaign, the latest of dozens initiated over the years, and the role of a new anti-corruption bureau.

Without meaningful checks and balances on party power, however, few analysts expect major inroads against corruption, reinforcing a perception among many ordinary Chinese that these campaigns soon peter out or are selectively applied to remove political enemies.

In response to calls for greater accountability, the party has experimented with "democracy with Chinese characteristics." This has nothing to do with broad-based public elections but is a cautious step that allows party elites to vote in a few contests where the number of candidates exceed the available positions. This week, for instance, the delegates, who are nominated and elected by local and regional party representatives, reportedly will vote on 10 percent more candidates than there are Central Committee posts.

In reality, however, "Most delegates have a fundamental understanding of how the party expects them to vote," said Ruan Ming, a Taiwan-based former aide to Hu Yaobang, the deposed pro-reform party chief who died in 1989.

Most analysts see little chance of meaningful political reform in Hu's second term given his first-term track record of tightened control over the media, civic groups, religious leaders or free-speech activists.

"Personally, I've never seen any democracy within the party," said He Husheng, profes-

sor of party history at People's University in Beijing.

At heart, the party isn't confident it would win a popular election, some analysts say, having maintained its grip in part by intimidating and isolating discontents to ensure they don't challenge the party politically.

The party is justifiably proud of its economic reforms, which have lifted hundreds of millions of people out of poverty. Some believe China's upward trajectory could wobble, however, if the economy stops growing.

Another key issue for China is Taiwan. Hu's policy statement is expected to include strong wording on the subject. China has identified the current period of Taiwan relations as "highly dangerous" amid concern that pro-independence Taiwanese President Chen Shui-bian will stir up trouble, perhaps even declare independence while Beijing is preparing to host the 2008 Summer Olympics. Beijing claims Taiwan as a part of its territory.

Hu is also expected to underscore the importance of consumer welfare issues -- including education, pensions, housing, medical care and insurance coverage -- that form the hallmark of his "harmonious society" program. "How to manage inequality even if you can't reduce it

will be an important theme," said Jean-Pierre Cabestan, head of government and international studies at Hong Kong Baptist University.

Hu's enjoys broad-based support among many Chinese for his social agenda. "Lower medical costs, easier entrance procedures for students -- these sorts of priorities will take time to implement," said Yan Yun, a business consultant from the

southern province of Hainan. "But I think the overall direction is right."

A big challenge for the Chinese Communist Party in Hu's second term will be to remain relevant for average Chinese, deliver more services and ensure its actions match its slogans.

"Right now I think China is far, far away from its goal of a harmonious society, which in my mind would mean really listen-

ing and explaining your policies to ordinary people," said Guo Lingjiang, 57, a retired mechanic from Guangdong province. "Personally, I don't care too much about this conference. Over the years I've seen too many, and their decisions have such a minimal impact on average people."

Yin Lijin and Gu Bo in The Times' Beijing bureau contributed to this report.



## Growing illegal military tech exports concerns U.S. officials

Robin Wright

The Washington Post

Pentagon investigators thought they had discovered a major shipment of contraband when they intercepted parts for F-14 Tomcat warplanes headed to Iran, via FedEx, from Southern California. Under U.S. sanctions since its 1979 revolution, Tehran had been trying for years to illegally obtain spare parts for the fighters, which are still used only in Iran.

But when agents descended on the Orange County, Calif., home of Reza Tabib, the 51-year-old former flight instructor at John Wayne Airport who sent the shipment, they were astonished to discover 13,000 other aircraft parts, worth an estimated \$540,000, as well as a list of additional requests by an Iranian military officer and two airplane tickets for Tehran.

Caught red-handed, the Iranian-born American citizen pleaded guilty in May and was sentenced to two years in prison.

The Tabib tale is among a growing array of cases either under investigation or being prosecuted for illegally exporting sensitive military equipment, from missile parts and body armor to nuclear submarine technology, according to the Justice Department. Many are destined for groups or countries that target the United States and its allies, such as night-vision equipment destined for Iran and for Lebanon's Hezbollah, and components for improvised explosive devices, or IEDs, used against U.S. troops in Iraq.

At least 108 countries have "full-fledged procurement networks that work through front companies, joint ventures, trade delegations and other mechanisms to methodically target our government, our private industries and our universities as sources of this material," Assistant Attorney General Kenneth L. Wainstein told reporters last week.

The Pentagon last year reported a 43 percent increase in suspicious foreign contacts with U.S. defense firms.

The biggest offenders are Iran and China, U.S. law enforcement officials say. Since 2000, U.S. Immigration and Customs Enforcement officers have launched more than 600 investigations into illicit Iranian military procurement efforts and more

than 540 investigations into illegal exports of restricted U.S. weapons technology to China. Additional investigations have been launched by other U.S. agencies, with overall cases doubling in recent years.

"The majority of U.S. criminal export prosecutions in recent years have involved restricted U.S. technology bound for these two nations," said Justice Department spokesman Dean Boyd. Recent prosecutions involved illegal exports of stealth missile technology, military aircraft components, Naval warship data, night-vision equipment and other restricted technology for Iran or China.

Some of the most audacious cases involve Iran. Through reverse engineering, Iranian engineers have produced only about 15 percent of the parts needed for the F-4, F-5 and F-14 warplanes -- made famous in Tom Cruise's 1986 "Top Gun" -- that have been the mainstay of Iran's air force since the days of its monarchy, U.S. law enforcement officials say. Tehran has also been trying to acquire parts for Boeing 707s, Lockheed C-130 transports, and Cobra, Chinook and Sikorsky helicopters, they say.

This month, Abraham Trujillo and David Wayne were charged in Utah with attempting to export F-4 and F-14 parts to Canada that were ultimately destined for Iran. Last month, Dutch-based Aviation Services International was charged in Washington, D.C. with illegally exporting U.S. aerospace-grade aluminum and 290 aircraft-related components to Tehran. And in July, the founder of Vash International Inc. was charged in New York with illicitly exporting F-5 and F-14 parts.

Airplane components are not Iran's only export target, however. In August, Seyed Maghloubi pleaded guilty in California to plotting to illegally export 100,000 Uzi submachine guns to Iran, via Dubai.

The China cases are often more subtle, because they are not subject to the same sweeping economic and military sanctions imposed on Tehran since shortly after its 1979 revolution. In June, five members of a Chinese family pleaded guilty in California to conspiring to export Navy warship and nuclear submarine secrets. They were found to have "tasking lists" from Beijing. Two were arrested after a CD-ROM with encrypted information on U.S. Naval defense technology was found

hidden in their luggage before a flight from Los Angeles.

Many export schemes involve brokers and businessmen who have no allegiance to a particular nation or organization, Assistant Secretary of Homeland Security Julie Myers said last week.

One of the biggest recent cases involved ITT, the 12th largest supplier of sophisticated defense systems to the U.S. military. In March, ITT pleaded guilty to a scheme to outsource production of sophisticated night-vision systems to China in violation of the Arms Export Control Act. The motive was enhancing its financial profit, according to Justice Department documents.

Globalization has facilitated some illegal exports. Trujillo and Wayne made their purchases online using the Internet, and Tabib bought some components for the F-14 Tomcats from the online company that auctions surplus equipment for the Pentagon.

The escalating threat led the departments of Justice, Defense, Homeland Security, State and the FBI to launch an interagency initiative last week that will develop coordinated task forces throughout the United States to investigate and prosecute illegal export cases. But officials say huge hurdles remain in tracking sales and securing convictions. "These are incredibly complicated cases," Wainstein said during a news conference.

In some instances, cases are brought only because of the export quantities involved. U.S. agents, for example, tracked the sale of the spark gaps used in lithotripter machines to break up kidney stones. Lithotripters need only a few spark gaps, which resemble small spools of thread. But in bulk, they can be used in the trigger for a nuclear weapon.

Asher Karni, an Israeli-South African businessman, was convicted in a Maryland court in 2005 for buying 200 spark gaps, ostensibly meant for a destination in South Africa but which investigators determined were ultimately bound for Pakistan, a nuclear power.

The problem of military technology illegally exported abroad "is a threat carried out in the shadows, and it does not raise the same level of alarm as the violence of a terrorist attack or the sword-rattling of a belligerent rogue state," Wainstein said. "But it is a very serious threat, nonetheless."

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## From the Editor's desk

*A campus with no opinions does not exist*

important presidential elections of our lifetime, we are embroiled in a conflict that has lasted for some four years, and that just scratches the minute surface of world and political affairs. I also know for a fact this campus is not perfect. But so far this semester, we have had a sparse selection of input.

The Avion is a forum for students. Sometimes not everyone agrees with or understands a particular opinion, but we try to keep the paper open to everyone. The Avion has harbored many a thought-provoking and intelligent debate, but it seems few people can set aside enough time to write their thoughts down and send an e-mail. As I write this on Sunday, looking at our e-mail inbox, we again have no submissions for this week.

There is something about the printed word that evokes a certain drive and feeling

in people. To read someone's thoughts in print, especially if they mirror your own, gives one a sense of being, and a sentiment that "Hey, someone else thinks like I do." The written word also carries with it more power to effect change and spur raw human emotion than any other form of media. These reasons are why people write books and do not just talk endlessly on television.

College students, more than any other demographic, should be opinionated. And since The Avion serves a school, this lack of thought is wholly frustrating. A paper without its opinions or viewpoints page lacks soul, lacks character. It's an empty avenue for the thoughts of its readership; The Avion cannot fill this avenue. The staff relies rely on you as a campus to give this paper its soul and its character.

~Chris Tezak  
Editor-in-Chief

Sgt. Slaughter wants you to write opinions. Being informed and speaking your mind helps everyone to learn and know more. And knowing is half the battle.



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## Student Forum

The Avion asks: "What would you like to see replace Spruance Hall?"

-Compiled by Mijeong Yoon



**Ashley Tanner**  
Senior  
Human Factors

"Grassy sitting area with trees for shade for students, maybe with a fountain."



**Christopher Kohler**  
Junior  
Business

"Statue of Pallas Athena."



**Yanik Cooray**  
Junior  
Business

"Skate park."



**Beth McCubbin**  
Junior  
Engineering Physics

"Grass and trees -- no cement."



**Ahmad Sayed**  
Senior  
Aerospace Studies

"Parking lot."



**Fletch LaBarge**  
Senior  
Business

"A giant playground for everyone to play in, with a swing set, see-saw and a two-story slide."

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Stop by our office in Student Center 110, next to Eagles FM and Touch-N-Go, or come to our weekly meeting on Tuesdays in the Endeavor Conference room to see how you can make a difference.





## ERAU Arnold Air Society remembers POW/MIAs

Trung Nguyen  
**Arnold Air Society**

A day of remembrance, of respect, of honor, this day is known as POW/MIA Remembrance Day. On Sept. 21, the Arnold Air Society Lt. Gen. Tallman Squadron, located at Embry-Riddle Aeronautical University, proudly upheld the tradition of honoring this day. From the break of dawn to the evening glow, through the searing heat and pouring rain, the resilient members of Arnold Air Society ran around campus

flying the POW/MIA flag. While the flag flew outside, inside the University Center, a traditional POW/MIA table stood proudly as a memorial and a reminder of all those who defend freedom.

Over 100,000 men and women serving in the armed forces were captured and detained between WWI and Vietnam; those who were fortunate made it back home. However, there are still those who have yet to return to their homeland. As time passes, we cannot forget about these brave souls. POW/MIA Remembrance Day reminds people of the sacrifices these

men and women have made to defend what they loved and cared for.

How can you honor them? Simply read their life stories. Remember them for how they lived their lives. Learn about the programs and research dedicated to finding POWs, and returning them home. Contact your local veteran's home and visit those who fought for freedom. If you want further information, you may contact AAS Cadet Maj. Matt Savage at [savag444@erau.edu](mailto:savag444@erau.edu) or AAS Cadet 1st Lt. Trung Nguyen at [nguye195@erau.edu](mailto:nguye195@erau.edu).

## Flight team announces its newest members



Corrinne Borsman  
**Eagles Flight Team**

The Eagles Flight Team is proud to announce its newest teammates, Drew Cosler, Ellen Skinner, Joe Celano, Keith Devine, Matt Cullen, Sherman Carl, Steven Colaco, Steven Pellegrino and Jonathan Hester. After four long weeks of tryouts and selections, these nine individuals met the standards to qualify as members of the Flight Team.

We were happy to see over 100 prospective members come out to our mass briefing in early September. During the four weeks to follow, tryouts consisted of practice three evenings a week and landing practice at Flagler airport each Saturday. Each week, at least one test was administered. Over the four week period, many potentials were unable to meet the demands of training at such a fast pace, but when tryouts concluded last week, we were delighted to invite 28 students into interview. In

order to be qualified for membership, a teammate must demonstrate potential for excellence in their ground event, outstanding attendance, and an overall positive attitude. All of the students who were interviewed were very qualified and showed a genuine desire to be a member of the flight team, hence making selections very difficult. After two full days of interviews, and discussion until the early hours of the morning, we finally made our decision on nine new teammates.

Leading recruitment was Vice President Derek Herchco, who stated when recalling tryouts, "I was very pleased with the way the returning team members received the prospective members and helped to make the process smoother than I could have anticipated. The team did an outstanding job in selecting our new members out of a talented pool of individuals. Looking at the new and returning talent, I am very excited about the year ahead."

The Eagles Flight Team con-

tinues to train for precision and excellence as we prepare for the 2007 Regionals competition this November in Melbourne. The team has won Regionals 19 years in a row and we are confident we will hold our title with the help of new talent and seasoned teammates alike. The greatest motivator behind competition, other than winning the trophy, is the camaraderie found on the team. President Michael Bernier described the team at the Induction Banquet last Friday as "a tightly knit family." Bernier feels that through this bond, we secure our claim on the Regional Trophy and have the greatest chance at reaching our ultimate goal of taking home the National Trophy in 2008.

As we prepare for competition, we'd like to thank the faculty, especially those in the College of Aviation, for their support and encouragement. We are eager to make the students and staff at Embry-Riddle proud at this year's competition by bringing home some hard-earned trophies!

## Senior Class Council needs your help!



Maybeth Rosa  
**Senior Class Council**

Wondering who organizes all those fun activities that take place on graduation weekend? Want to leave some feedback or throw in some fresh new ideas for your graduation? Come meet the Fall 2007 Senior Class Council! Meetings are held

every Wednesday at 5:30 p.m. at the Dean of Student's Office. The Senior Class Council is responsible for coming up and organizing graduation activities, like the Senior Class Party and Family Fun Day. These are held the weekend right before graduation as a final goodbye to your undergraduate years. Hope to see you there, and remember, graduation is Dec. 17, 2007!

## ASSE invites all interested newcomers

Blanca Campos  
**Society of Safety Eng.**

The American Society of Safety Engineers (ASSE) is the oldest safety professional organization. They were established in 1911 after the mishaps of the Triangle Shirtwaist Factory. They actively participate in setting standards for safety. Many of the ASSE members work in many different industries such as education, construction, mining, manufacturing, health and transportation.

ASSE is one of the organizations that strive to prepare students to become leaders. They have a leadership conference every year in November. Three student members of the ERAU chapter are going to the national

## NROTC Color Guard works some Magic

Austin Nasca  
**ERAU Navy ROTC**

The Navy ROTC Color Guard performance season is off and running with its performance at Amway Arena for the Orlando Magic game last Monday.

The Magic went up against the Atlanta Hawks, ending in upset for the Magic with a final score of 93-94. But the stars of the show from Embry-Riddle's perspective were the men in white presenting the colors.

Midshipmen Phillip Gruber, Josh Heaney, Christopher Marolt and Brandon Porthouse made up the color guard for the evening. The gentlemen performing were offered complimentary media seating for the game.

This was the first professional athletic event of the semester but the Color Guard has regularly scheduled events at the International Speedway including a NASCAR race.

The performance in Orlando



ERAU NAVY ROTC

**THE NAVY ROTC COLOR** Guard presenting the colors at the Orlando-Atlanta basketball game last week. Color Guard Commander Brandon Porthouse said that this is just one of more than 20 events scheduled for this semester.

was the 10th time this semester that the Color Guard has been out serving in the community this year, and according to Color Guard Commander Brandon Porthouse, it will be one of 20 to 30 performances that they will have this semester.

"Color Guard is a unique opportunity for early leader-

ship, community service and they're [the] greatest bunch of guys," said Porthouse.

In addition to the public performances that occur on a regular basis for the Color Guard, they will also be participating in three different competitions at other universities around the nation.

## Are you a future CEO?

Amanda Lewis  
**Future CEO Club**

The Collegiate Entrepreneurship Organization is a national organization that has participation by thousands of college students around the nation. The CEO club's mission is, "to inform, support and inspire college students to be entrepreneurial and seek opportunity through enterprise creation." If you are ever planning to start your own business or become involved in the business industry, this club offers amazing opportunities and will assist you in developing business knowledge and understanding.

This academic year, the CEO club has scheduled various exciting activities for its members. The first activity is participation in the National CEO Conference held in Chicago, Ill. in the Elevator Pitch Competition. This competition is based on the idea that you get onto an elevator with the man himself, Donald Trump. You are traveling to the 90th floor and you have until then to present a full business

proposal to one of the most recognized names in the industry. The elevator pitch defines the product or service, your target market, a revenue model, management, and the competition. The club is currently helping these students prepare for the competition.

CEO is also planning to have a fundraiser selling an innovative project that one of its own members created. Charles Cudjoe a former CEO member who won the Elevator Pitch Competition, the Coveted People's Choice Award and was featured in Young Money Magazine. His product is a solar powered portable cell phone charger that is very convenient for busy people. You can simply place the charger on the dashboard of your car, or any other

sunny area to charge.

CEO offers a great amount of support and guidance for young prospering business professionals. If you are an entrepreneur or inventor, than your talents can be used in CEO and you might also be able to aid society. CEO meets every Wednesday at 7:30 p.m. in E609, and we welcome anyone who's interested, including alumni. If you would like to know more about CEO or if you have any questions, please email Professor Fedorovich at [fedorovi@erau.edu](mailto:fedorovi@erau.edu) or visit her in her office in E608, Monday, Wednesday, or Friday afternoons after 11:30. You can also contact Caitlin Whalen, the club president at [Caitlin.Whalen@erau.edu](mailto:Whalen@erau.edu). We hope to see you at our meeting!

## Theta Phi Alpha sponsors blood drive

Caitlin McGunigle  
**Theta Phi Alpha**

On Saturday, Oct. 27, Theta Phi Alpha would like to invite you to give blood.

The donations will take place at Cancun Lagoon and will be held from 4 to 8 p.m.

The process of giving blood takes less than an hour. Blood donation is safe and painless, and healthy people can donate every eight weeks. Donating blood saves lives; if anyone that you know has ever been in a car accident, think about this: for every serious accident, it takes anywhere from four to

100 units (with an average of 50 units!) of blood to keep the victim alive. The maximum donation for every 56 days is one unit! Besides making you feel better about yourself, it is also a way to get a health check up; every time you give blood, your blood pressure, cholesterol, temperature, pulse and iron are checked. Along with receiving a free health check, recent studies have shown that men who donate blood at least three times a year reduced their chances of a heart attack by 50 percent. By helping others, you are helping yourself. We hope to see you there!

## Campus Safety warns of bike thefts



Jeanni Bentley  
**Campus Safety**

Campus Safety would like to take this opportunity to remind students of Bicycle Registration, Oct. 23rd and 24th.

The Safety Department has been receiving reports in reference to stolen bicycles on campus. The majority of these thefts have been bicycles that were secured with cable locks and that were cut. Owners failed to use Kryptonite "U" locks.

Here are some tips on how you can protect your bicycle while on campus:

1. Register your bicycle with Parking Services.  
2. Report any suspicious activity immediately.

3. Never leave your bicycle unattended.

4. Lease or purchase a "U" lock from Parking Services. These types of locks cannot be cut with a bolt cutter.

5. Know how to properly use your "U" bicycle lock and secure the lock around the frame of the bicycle, not just the front wheel.

Campus Safety reminds you! Don't become a victim of bicycle theft ... lock it up every time you leave it alone!

Campus Safety can be reached by calling x6480 on campus phones, (386) 226-6480 on your cell phone or SAFE (7233).

Also, engraving will be available at bicycle registration for your computers, etc ...

**Kappa Alpha Psi Fraternity Inc.** is having its first Date Auction, with a portion of the proceeds going to St. Jude's Children Research Hospital, their national philanthropy. The auction will begin on **Friday, Oct. 19 at 7:30 p.m. in the UC.** Paddles can be bought for \$3 with a starting bid of \$10 for singles and \$20 for couples. This will be a Date Auction like no other so you don't want to miss it! Dates for this Auction include:



St. Jude Children's  
Research Hospital



Brittany Caroselli



Chris Chidgey



Dwight Decarme



Aaron Fuquay



Mitchell Graves



Shirley Hayes



Steven Hess



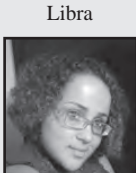
Audie Meyer



Ray Nesbeth



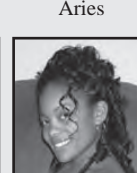
Kavita Patel



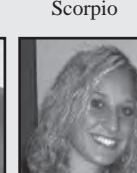
Vicki Pena



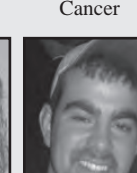
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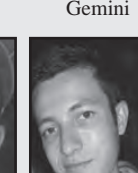
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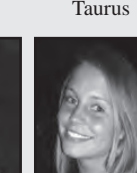
Michell Rodio



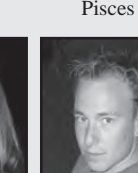
Chris Rood



Izy Sandoval



Kimber Wille



Jameson Zuk

Taurus

Libra

Aries

Aries

Scorpio

Cancer

Gemini

Taurus

Pisces

Scorpio

Aquarius

Aquarius

Capricorn

Virgo

Aquarius

Capricorn

Taurus

Virgo





## Student Government Association

*"Driving the change ... Setting the standard."*

### SGA helping clubs

Bryan Dietz

Student Representative

Many clubs and organizations on campus have old or outdated documents. Often times club presidents struggle to even understand their what documents mean and they can use those to make their organization successful. The Constitution Committee is here to help clubs understand their constitution and by-laws, along with the opportunity to have their documents

reviewed.

Clubs can submit to the Constitution Committee their documents for review and schedule a time to meet with a representative from the committee to fully understand their documents as well as offer suggestions for improvement.

This service is a new service the student organizations to review their constitutions and how to effectively implement them. Clubs and organizations that are interested in having their constitutions and by-laws reviewed by the

Constitution Committee just need follow a simple and easy process for their documents to be reviewed. A club representative just needs to e-mail their documents to the Student Government Association (SGA) or drop off a copy for the Constitution Committee in the SGA Office. You will be contacted after your document has been reviewed. If you have any questions or would like to submit a Constitution or by-laws for review, please e-mail Bryan Dietz at [Bryan.Dietz@erau.edu](mailto:Bryan.Dietz@erau.edu).

### Campus transportation

John Weaver

Student Representative

Ever out in the city and call Safe Ride? How about if you've ever needed a ride to Orlando and have used SGA's Orlando Shuttle. Well, as you might have guessed, SGA's Safe Ride committee is held responsible for the upkeep and improvement of these programs and we would like to make it known to the student body our goals for the fall 2007 through spring 2008 calendar year.

This year the Safe Ride Committee is actively working to not only provide Safe Ride and the Orlando Shuttle but to also improve the transportation on and off campus.

It is no secret that public transportation leaves something to be desired here at the university. The number of students that are required to stay on campus grows each year. Many of these students do not bother to bring their own vehicles and are sometimes stuck

here on campus, especially on the weekends. This semester the Safe Ride Committee is working with the Daytona Beach Bus Transportation System, VOTRAN, to develop a route that will take students to places around town where most of our students have stated they would need to go from last semester's survey. We have posted a proposed route in the SGA office next to the coffee machine for students to provide their input on any locations we may be missing. The proposed plan is to have the bus drop off and pick up from school between classes Monday-Friday with continued service over the weekend.

Our second goal is to organize transportation to and from the ERAU Hockey Games. Many students attend the ERAU hockey games and it has come to our attention that there are other students who can't because they don't have a reliable means of getting there and back. The Safe Ride committee is hoping to provide safe

transportation to and from the hockey games using university vans or with our already established relationship with Yellow Cab, the company that brings us Safe Ride. This service would be free for the students and would be another service SGA has to offer its students to increase school morale and improve attendance at the popular hockey games.

Be sure to keep an eye out for the new Orlando Shuttle tab on the SGA website that will lay out all the Orlando Shuttle departure dates for the year. Also available will be a paper flyer in the SGA office with those dates. The Orlando Shuttle program is still the cheapest way in town to travel to Orlando and will be operating for the Thanksgiving, Winter, Spring, and Summer break.

The Safe Ride Committee would like to remind students that although Safe Ride taxi drivers do get paid for their time driving students on Safe Ride it is also polite to tip the

### Adopt-A-Road

## ERAU SGA

### Environmental Committee

RYAN GORMAN / AVION

**THE ENVIRONMENTAL AWARENESS COMMITTEE (EAC) is planning an Adopt-a-Road clean-up on Oct. 28. This is an opportunity for student organizations to get some community service hours. The next EAC event is November's First Friday on Nov. 2.**

#### Environmental Quick Facts

- Always turn off lights when not in use.
- Switch to fluorescent light bulbs that use less energy.
- Unplug appliances when they are not in use such as toasters, laptops, and cell phone charges.
- Freezer efficiency is increased by keeping it full. Stock up on some more pizzas!
- Use hair dryers sparingly and do not use the maximum heat setting. Your scalp will thank you, too.
- You can cook faster by using lids on your cooking pans.
- Take advantage of free solar heat- keep blinds open during the day to let sun in, close them at night to hold in the heat.
- Replace your air filters once a month.

### Everyone can be green

Corrinne Borsman

Student Representative

Are you living off campus and dreading your utilities bill? Or maybe you live in one of the residence halls and want to conserve energy? The Environmental Awareness Committee researched ways to help you become more environmentally savvy and importantly, *save you money!* Use these tips, provided by FPL, and next month paying your bills will be much more pleasant!

#### Check your thermostat

Save up to \$91 a year by raising your thermostat to 82 degrees or warmer when you're away from home.

\*By installing a programmable thermostat to adjust the temperature automatically, you'll never have to think about it.\*

#### Control Humidity

When leaving for vacations,

prevent mold and mildew from developing and still save energy by setting your thermostat to 85 degrees and the thermostat fan to "AUTO." This setting helps your central air conditioner control humidity more effectively.

#### Keep Cool by Using Fans

Reduce A/C costs and still keep your home comfortable by using ceiling fans to circulate the air when the room is occupied.

\*A fan that runs all the time costs about \$7 a month. So be sure to turn it off when you're not in the room.\*

Don't turn your shower into a bath tub

Showers are typically the largest use of hot water. If your existing showerhead can fill a gallon jug in less than 24 seconds, then replacing it with a water-conserving showerhead could save \$50 per year.

\*Look for showerheads rated at 2.5 gallons per minute\*

#### Dishwasher = a great excuse to be lazy while saving energy

Avoid pre-rinsing dishes before putting them in the dishwasher- use your rinse cycle instead. Use your dishwasher instead of hand washing because it uses 1/3 less water. Wash only full loads and use no-heat drying.

#### Keep it cold

Washer - 90 percent of the energy used to wash clothes is from heating the water. Use cold water whenever possible. Always use the cold rinse.

Dryer - keep the lint filter clean by always removing lint and occasionally rinsing with soap and water to remove build-up caused by dryer sheets. Use the auto sensor function if you have one to avoid over drying clothes and never overload the dryer.

#### Be a modern Betty Crocker by using the microwave

Cook with your toaster or

microwave ovens when possible. They are more energy efficient than the oven and add less heat to the kitchen. Plan oven cooking so that several items can be prepared at one time.

## ORLANDO SHUTTLE

**\$ 18 ONE WAY**

**\$ 36 ROUND TRIP**

<p><b>DEPARTURES:</b></p> <p><b>NOVEMBER 19th - 21st</b></p> <p>5:00 am</p> <p>9:00 am</p> <p>2:00 pm</p>	<p><b>ARRIVALS:</b></p> <p><b>NOVEMBER 24th &amp; 25th</b></p> <p>1:00 pm</p> <p>6:00 pm</p> <p>11:00 pm</p>
---	--

\* SIGN UP IN THE SGA OFFICE \*

DEADLINE:

FRIDAY, NOVEMBER 9th

DON'T GET LEFT BEHIND...

## Flight Line Satisfaction Committee

**Projects:**

- \* Getting a Pilot supply Vending Machine on the Flight Line
- \* "Soaring, Tower to Sky" a Social event for Students
- \* Attending student concerns and suggestions

**Meets every Wednesday @ 3:30PM**

**In Student Government Office in Student Center**

Bring your ideas and suggestions. You don't have to be an SGA member to be a part of our committee.

Ever get in trouble with the law?

Ever found yourself in a legal situation which you just didn't know how to handle?

Ever wished there would be someone to turn to for advice?

WE CAN HELP!

SGA has partnered with law firms to offer FREE consultations to students on matters such as:

- Personal injury
- DUI / traffic related offenses
- Insurance claims
- Criminal cases
- ... and more!

Stop by the Student Government Office today for more information.



## Bell's X-1 started 60 years of supersonic flight

Bob Scheid  
Chief Copy Editor

Sunday, Oct. 14, 2007 marked the 60th anniversary of Gen. Charles "Chuck" Yeager's flight in the Bell X-1, breaking the sound barrier and beginning a new era of flight. In the past six decades, supersonic flight has become commonplace; the Concorde supersonic transport offered more than two decades of service, crossing the Atlantic at more than twice the speed of sound for a reasonable price.

The Avion has assembled what we consider 10 of the most significant supersonic milestones since that fateful day in 1947, and we present them here in chronological order:

1: Oct. 14, 1947 – Chuck Yeager becomes the first human to break the sound barrier, flying in the Bell X-1 above California. He achieves a speed of Mach 1.06 on this flight, 700 mph. Five months later, Yeager took the plane to Mach 1.45, 957 mph.

2: April 26, 1948 – An XP-86, the forerunner to the F-86 Sabre, becomes the first jet-powered aircraft to break Mach 1 with North American Aviation test pilot George Welch at the controls.

3: Oct. 29, 1953 – An F-100A Super Sabre becomes the first American production fighter to achieve level supersonic flight.

4: Feb. 29, 1964 – The A-11, forerunner to the SR-71 reconnaissance aircraft, is publicly announced by President Lyndon Johnson to have traveled at 2,000 mph (about Mach 3) during flight tests over Edwards Air Force Base.



5: Oct. 3, 1967 – U.S. Air Force pilot Pete Knight takes the rocket-powered X-15 research aircraft to a speed of Mach 6.72, or 4,520 mph, high over the Mojave Desert. The historic flight remains to this day the fastest manned atmospheric flight in history.

6: May 26, 1969 – Apollo 10, returning from the final moon landing practice flight before the actual event, sets a manned-flight speed record during reentry. U.S. astronauts Tom Stafford, John Young and Gene Cernan hit the atmosphere traveling at 24,790 mph (Mach 37.6), faster than anyone before or since.

7: May 24, 1976 – Two Concorde supersonic transports arrive at Dulles International Airport after the start of supersonic, trans-Atlantic passenger service. The Concorde remained in service until 2003, providing service between New York and London in three hours 20 minutes at about Mach 2.

8: April 12, 1981 – The Space Shuttle Columbia lifts off on its first shuttle mission. The spacecraft reentered and landed two days later, entering the atmosphere at about 17,000 mph and generating two sonic booms before touchdown, one from the nose and one from the tail.

9: June 21, 2004 – SpaceShipOne becomes the first privately-built air and space craft to reach space, defined as 100km above Earth. Four months later, it wins the \$10 million X Prize, flying to space twice within just days and opening a new era of private commercial spaceflight.

10: June 20, 2005 – An unmanned NASA X-43 aircraft, powered by a high-tech, revolutionary scramjet, becomes the fastest air-breathing vehicle in human history, reaching a speed of Mach 9.6, or about 7,000 mph., over the Pacific Ocean. Development of scramjets, which have no moving parts, will continue over the next decade in hopes of making them a new means of travel in the aerospace world.

## Chicago Southwest crash investigation is completed

Matthew Smith  
Staff Reporter

The National Transportation Safety Board (NTSB) recently published their final findings on the December 2005 crash of Southwest Airlines Flight 1248 at Midway Airport in Chicago.

This was the first fatal accident in the carrier's 36 years. No one on the aircraft was killed; however, one six year old boy was killed when the airplane went sliding through the airport barrier wall.

Southwest Flight 1248 was en route from Baltimore to Chicago's Midway Airport on

Dec. 8, 2005 when it attempted to land during a snowstorm.

The NTSB ruled that the cause of the crash was pilot error mainly due to the decision of the crew to attempt the landing at Midway even though the weather there had been reported poor by other Southwest Airlines aircraft.

From the decision to land at Midway came many other errors that ultimately led to the incident. According to Southwest policy, crews should divert to another airport when conditions are poor and tailwinds exceed five knots.

At the time of the crash, the conditions were poor with snow

and the tailwinds did exceed five knots. Bob Benzon, the NTSB investigator in charge of the crash, told the Associated Press that the captain of Southwest flight 1248 claimed that the conditions during the landing were the worst conditions in which he ever attempted a landing.

NTSB investigators also revealed that the pilots were unfamiliar with the auto brake system on the Boeing 737-700 which led to them forgetting to engage the thrust reversers until just before skidding off the 6,500-foot runway. When the plane did skid through the concrete wall of the airport, NTSB investigators told

CNN, it was moving at 46 miles per hour. NTSB investigator Katherine Lemos said that there was no evidence that the pilots had knowingly violated company policy with their decision to land. Furthermore, the NTSB ruled that Southwest failed to provide its pilots with "clear and consistent guidance on training on company policy regarding arrival landing distance calculations."

A similar incident occurred March 5, 2000 when a Southwest aircraft went off the runway in Burbank, Calif. Though no fatalities occurred, the incident was the biggest for Southwest prior to this.



MATTHEW SMITH/AVION

A SOUTHWEST 737 SIMILAR to the one that went off a runway at Chicago's Midway Airport in December 2005.

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## Is Your Flight Career in a Rut?



Actual photo of RAA's CRJ Simulator © 2004 RAA

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# REGIONAL AIRLINE ACADEMY

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## STS-120 crew ready for detailed mission



PHOTO COURTESY NASA

**THE SEVEN MEMBERS OF STS-120** pose for a portrait outside Discovery's hatch during their practice countdown last week. Clockwise from center: Commander Pam Melroy, Scott Parazynski, Stephanie Wilson, Pilot George Zamka, Paolo Nespoli, Dan Tani and Doug Wheelock.

### Exp. 16 crew arrives at station

Ben Cooper

Space Tech. Editor

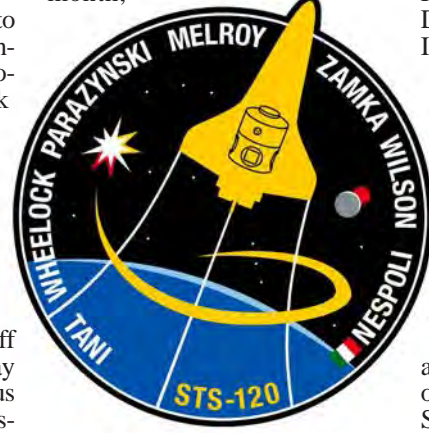
After a debate over whether to replace wing leading-edge panels on Discovery, shuttle program managers late last week announced their recommendation to proceed towards lift-off on Oct. 23 as planned. A formal "go" for launch is expected late Tuesday following the traditional Flight Readiness Review, held before every space shuttle launch.

Discovery is due to blast off at 11:38 a.m. EDT next Tuesday morning on the most ambitious space station construction mission to date, and likely ever.

During its 14 day flight, Discovery will attach a new pressurized module to the station - the first since 2001 - and relocate one

of the four gigantic solar arrays to its final planned position on the outpost. With five spacewalks planned, astronauts will also prepare several giant radiators for deployment and prep the station for attachment of long-awaited science laboratories on each of the next several shuttle flights.

Following rollout to the launch pad late last month,



observations were made on Discovery's reinforced carbon-carbon wing leading-edge panels of coating wear that could lead to burn through during reen-

try. NASA's Engineering Safety Center has recommended replacing three of the panels, but after a debate, wing engineers and shuttle managers deemed them safe to fly as-is.

In charge of Discovery is Pam Melroy, the second woman to command a shuttle flight. She is joined by Pilot George Zamka and Mission Specialists Scott Parazynski, Stephanie Wilson, Doug Wheelock, Dan Tani and Italian Paolo Nespoli.

Greeting them will be the newly-arrived Expedition 16 crew. After launch last Wednesday, the Soyuz capsule with Peggy Whitson and Yuri Malenchenko as well as Malaysian spaceflight participant Sheikh Muszaphar Shukor, docked to the station successfully Friday morning.

Whitson and Malenchenko, as well as Clayton Anderson, onboard since June, will greet STS-120 when it reaches the orbiting lab two days after launch. Anderson will return on Discovery, while Dan Tani will remain onboard until the next shuttle flight in December.

### Viewing the STS-120 launch

Titusville or KSC Visitors Complex the best choices for liftoff Tuesday at 11:38 a.m. EDT

The best place to view the launch would be the NASA causeway (angling 6.5-7.5 miles away from pad 39A it is the closest public viewing area), but tickets for it have long been sold out. Viewing is also offered from the KSC Visitors Complex (tickets were still available for there as of Sunday for \$38 each from <http://kennedyspacecenter.stores.yahoo.net/stspshat.html>). The KSC VC itself is 7.4 miles away from Pad 39A but offers no view of the pad; you would be closer than Titusville, and thus experience more sound, but not see the shuttle until it lifted off and cleared the tree line.

Titusville is the next best place to view the launch, and the second closest after the causeway with a view of the pad. At 12 miles from Discovery, don't expect the sound to be more than moderate. Anywhere in Titusville from the Rt. 406/Max Brewer bridge on the north end of town, south along US 1 to where U.S. 50 intersects -- about a five mile stretch -- offers prime viewing clear across the water (Rt. 406 is also called Garden St.). One good spot is Space View Park/The Astronaut Walk of Fame, which is a block south of 406 on the water. Several other small parks line the river south of here (as well as Sand Point Park on the north side of 406), and many landowners also charge a fee (\$10-30) to park on their land to watch. Arrive early to secure the best parking spot and viewing location. If you own one, tune your scanner to 146.9400 to hear the NASA TV broadcast and countdown.

#### Directions

To get to Titusville from campus, take I-95 south to Exit 220 (Rt. 406), and go left off the exit. Rt. 406 will hit the river at the Max Brewer Bridge, and this is the furthest you can go before the road block on the other side of the bridge. Running one block before the river, you can also head south on U.S. 1 to find more viewing areas. U.S. 1 rejoins the river about a mile south of 406; for that one-mile stretch, the street that runs along the water is known as Riverside Drive.

EDITED BY BEN COOPER

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## Atlas 5 launches WGS

Bob Scheid  
Chief Copy Editor

At 8:22 p.m. last Wednesday, the military's new Wideband Global SATCOM (WGS) spacecraft lifted off from Cape Canaveral in a successful and uneventful launch.

The satellite was launched atop an Atlas 5 rocket in 421 configuration, the first launch of that type. The configuration number means that a four-meter-wide nose cone fairing was used, two solid rocket boosters were strapped to the first stage Common Core Booster, and the Centaur upper stage has one RL-10 engine. The launch was completely successful, with no malfunctions in either stage. After a short coast phase, the Centaur reignited to send the satellite into a transfer orbit to its final destination of about 22,300 miles above the surface of the planet. Spaceflightnow.com reported that 31 minutes 40 seconds after liftoff, the satellite had successfully separated from the booster.

WGS, described in official literature as "vital communications capability for the warfighter," is a series of satellites that will significantly increase battlefield capabilities for U.S. and allied forces. Specifically, the Boeing-built satellite will provide 39 commu-



GREG FRECHETTE/AVION

**THE 19-STORY ATLAS 5** carrying WGS SV-1 lifts off from the Cape's Complex 41 at 8:22 p.m. EDT Wednesday.

nication and data channels in the Ka and X bands.

The vehicle launched last week, designated SV-1, is the first of five satellites in the WGS constellation. This cluster of satellites will supplant the military's current communications satellites, the Defense Satellite Communications System and the Global Broadcast System. Two more satellites will be launched in the next year, and the final two satellites will be launched in 2011 and 2012.

Three satellite programs

are currently supported by the Department of Defense. WGS is part of the Wideband Communications Group, designed to give high-volume communication and data links to the whole of the planet. Secure communications, encrypted and jam-resistant, are provided by the Protected Communications Group, and the future Transformational Satellite Communications System will provide continuous battlefield control for commanders, in addition to continuous access to intelligence reports worldwide.

## Cassini marks 10 years

Stefanie Thaxton  
Staff Reporter

On Oct. 15, the Cassini-Huygens mission to Saturn and its surrounding moons marked a decade since launch from Cape Canaveral atop a U.S. Air Force Titan 4B. After reaching its destination seven years later, Cassini astounded scientists and astronomers with detailed pictures of Saturn's largest moon, Iapetus.

One feature is a narrow ridge that lies almost directly at the equator of the moon, extending for 1,300 kilometers (808 miles) across and reaching almost 20 kilometers (12 miles) high. They are approximately three times higher than Mount Everest, which surprises scientists because the moon is only a fifth the size of Mars, which houses the largest mountains in our solar system.

Another bizarre feature of

Iapetus are distinct brightness boundaries causing a two-toned appearance, with the leading edge being "black as tar," while the opposite side is "white as snow." Scientists have hypothesized the dark material is coming from other moons orbiting Saturn in the opposite direction due to the strange distribution pattern. "Dusty material spiraling in from outer moons has hit Iapetus head-on, and causes the forward-facing side to look different than the rest of the moon," Tilmann Denk, a Cassini imaging scientist at the Free University in Berlin, Germany, said on the European Space Agency (ESA) website.

Once the leading edge has been even slightly darkened, thermal segregation can proceed rapidly. Infrared observations reveal the dark material is warm enough to slowly release water vapor from water ice and redistribute it to the lighter, colder areas of the

moon. Cassini's repeated flybys of Iapetus will help scientists to characterize the chemical composition of the surface, look for a possible atmosphere, and plot the nighttime temperatures.

The Cassini-Huygens mission is a cooperative project between NASA, ESA and the Italian Space Agency. While the Jet Propulsion Laboratory in Pasadena, Calif. manages the project for NASA's Science Mission Directorate in Washington, D.C., ESA built and operates the Huygens Probe. The Italian Space Agency contributed the high-gain antenna, a majority of the radio system, and elements of several other of Cassini's instruments. The imaging team is based at the Space Science Institute in Boulder, Colo.

To see the mission's progress and view pictures of Iapetus, go to either <http://www.nasa.gov/cassini> or <http://saturn.jpl.nasa.gov>.

## GSFC proposes lunar science

John W. Smith III  
Entertainment Editor

NASA's Goddard center released new information last week proposing lunar science work that will help advance astrophysics and imminent trips to the moon. Funded by NASA Headquarters, this project has been nicknamed the "automated suitcase science." The Lunar Sortie Science Opportunities (LSSO), has awarded the Goddard center two lunar science projects.

The first project involves suitcase-sized laser reflectors and laser transponders at various locations on the moon's surface. They will be placed in different locations so that these laser reflectors and laser transponders can better calculate the distance from the Earth to the moon on a sub-millimeter level of accuracy.

Although there are some of these devices in place, the past 35 years have showed that the lunar surface has significantly

changed, as well as mankind's understanding of geophysics, geodesy, and dynamics.

These devices will also give information regarding a possible change in the gravitational constant and will test Einstein's unprecedented theory of General Relativity, according to Dr. Stephen Merkowitz of the Goddard center. These reflectors and transponders are robust, don't require power, and will last a very long time which will potentially allow for the devices to go to Mars.

The second project is for a Lunar X-ray Observatory (LXO), which was inspired by a comet Hyakutake which was observed to glowing in soft X-rays. These observations were considered strange because things that are hot give off X-rays; a comet is comprised of dust and ice.

After some research it was concluded that the sun was causing the peculiar glow around the comet. Because the sun constantly gives off a thin gas made of electrically charged plasma particles, there was a solar wind

charge exchange which caused the comet's particles to become highly energetic which made for the glow. Such interaction with the Sun's gas particles can cause space weather effects and cause disruptions in satellites, radio communication, and power systems.

Placing the LXO on the lunar surface will provide an excellent observatory for reactions like this in space and on earth. Along with improving understanding of astrophysics, the device will also observe solar winds and other debris hitting the lunar surface. This will allow understanding of potential hazards that future astronauts could encounter with their spacesuits and how other lunar devices could fail because of destructive lunar activity.

Both LXO and the laser reflectors/transponders have many applications that will advance astrophysics, plasma physics, planetary explorations, and provide data regarding human space flight travel to the moon and Mars.

## Delta 2 to launch GPS satellite

As of presstime Sunday, a Delta 2 rocket remained set to launch a new GPS satellite into orbit on Wednesday morning at 8:23 a.m. EDT. The launch window is 15 minutes long and the launch time gets earlier by about four minutes each day. Because the *Avion* is published on Sundays, you should look for up-to-the-minute updates on the launch at SpaceflightNow.com's "mission status center" and check here before leaving to ensure the launch is still on time. The official Air Force launch weather forecast as of Sunday was favorable with just a 30 percent chance of violating weather constraints.

Viewing of Delta 2 launches is best conducted from the Jetty Park pier, which at just 2.9 miles from Pad 17B is the closest public rocket viewing location for any launch. The 1200-foot pier can hold a couple thousand people, so you should leave no later than about 6:00 a.m. to secure a good spot at the end of the pier; the drive takes about 70 minutes.

**Directions:** Take I-95 south 55 miles to Exit 205 (The Beachline, Rt. 528) EAST towards "Canaveral: Cape-Port-AFS." Stay on for about 15 miles. There are two exits for Port Canaveral; the first is a big blue sign marked terminal A and the second is a big green sign marked terminal B. Take the second exit, the GREEN sign for B/South terminals. Go left at the light on the exit ramp. You are now on George King Blvd. Take this road to the end, which is the entrance to Jetty Park. There is a \$5 cash parking fee. Park and walk to the very end of the pier for the best view, where trees no longer block the rocket and pad.

EDITED BY BEN COOPER

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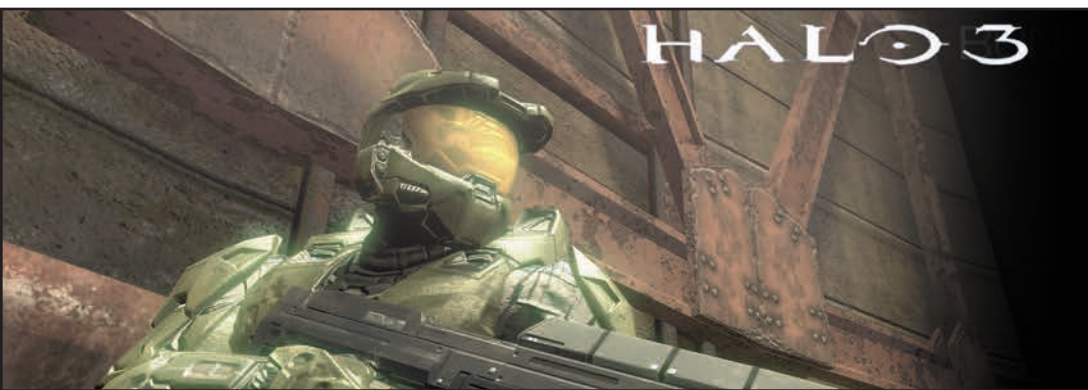


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## 'Halo 3' is close replica | Combat-fest fun for all



HALO 3



ENEMY TERRITORY QUAKE WARS



Halo 3



Peter Richardson  
Staff Reporter

Well, it has finally landed; the giant gorilla in your local Gamestop store, the revered Halo 3. Few games had the sort-of fevered anticipation surrounding their launch as Halo 3 did; literally hordes of gamers lined up and bought this game within the first 24 hours of its launch. So far over \$300 million dollars of Halo 3 has shipped to consumers and there are plenty more copies for those who want them. But is this game, the biggest game of 2007, really worth all the hype and hysteria? It is my quest to find out.

Having played through and

“  
**Overall Halo 3 is basically the same as Halo 1 or Halo 2 ...**  
-PETER RICHARDSON”

beat Halo 1 to 3 myself, and having also logged many hours in the combat arena gathering wins for my “service record,” I am quite familiar with the Halo series. Even with all this play time, I still feel that I can create a somewhat unbiased analysis of Halo mostly because I was never blown away with the series, as were other more casual gamers. Halo has always brought a few key concepts to the table, but none of these features were in any way revolutionary. What

Halo did was bring a collection of established features all in one easily accessible game geared for the console gamer crowd.

Nowhere is this more evident than in the supposed last part of the Halo first-person shooter series, Halo 3. Although Halo 3 does look very pretty, is presented with no expenses spared and is in every way extremely fancy looking. It is still, without a doubt, a Halo game. Very little in the overall game features and gameplay has actually changed from Halo 1 to Halo 3.

You pick up the storyline almost right where Halo 2 left off, and continue in the same old Halo style through linear level after linear level until the stories end. If it wasn't for the pretty visuals, you could easily believe that you are really playing Halo 1 or Halo 2 all over again. But this is not necessarily a bad thing. The Halo campaigns are addictive in their simplicity and still fun in many ways. You still do kill the same set of 20 monsters over and over again, yet it somehow doesn't get that old.

Halo's developers, Bungie, have added a little bit more in Halo 3 to change things up slightly. The campaign overall is much less repetitive compared to Halo 1 and Halo 2, and you are rarely replaying the same area again and again. That being said, most of the campaign is still very similar in design and you are gunning and shooting in a number of slightly different locales for the entire game. The campaign also features a lot more vehicle combat and slightly larger levels to accommodate these vehicles and their battle styles. These changes are a relief but do change things only a little bit. Halo 3 is the same old Halo, so if you didn't enjoy Halo 1's or Halo 2's campaign style, you probably won't enjoy this.

But who plays the campaign anyways, right? The meat of the Halo series for many gamers is the addictive and accessible multiplayer feature. While in no way as robust or engaging as some other multiplayer systems in other games, Halo's simple and easy multiplayer system is fun in its own way. Everything is prettier and more stylish but in essence it is the same as Halo 1 or Halo 2's multiplayer setup. There are a few new features, and a

few more levels, but overall, if you enjoyed the multiplayer of the first two games, Halo 3 will not disappoint.

Halo 3 is quite pretty. All of the lighting and textures are top notch, and the vehicles are, as always, great. The weapon light effects are beautiful and the enemy animations are alien and satisfying. The only spot where Halo 3 seems to not shine in the visuals is character faces and models. Many human characters seem

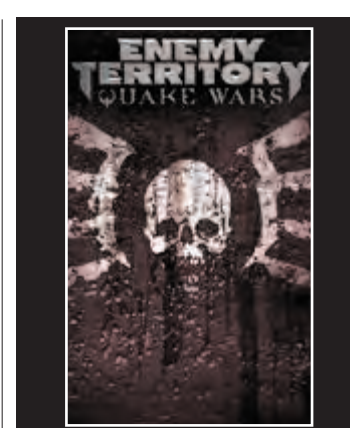
“  
**Same old Halo, fun vehicles, comprehensive weapons, great save system ...**  
-PETER RICHARDSON”

very stiff and the faces of all the humans are nowhere near PC graphics quality or even other Xbox 360 games like Bioshock or the soon-to-be-released Mass Effect quality. All other aspects of the presentation are great, sound, graphics, menus and even the box are all top-notch as expected from a game of this magnitude.

Overall Halo 3 is basically the same as Halo 1 or Halo 2, but prettier. There are a few new features and slightly bigger levels but nothing major has changed. Luckily, this is not necessarily a bad thing. The Halo series is quite satisfying for what they are and there is no doubt that they are very addictive. And although Halo 3 certainly lacks in the innovation, to much change would have made it not feel like Halo. Halo 3 is a fun, easily accessible game with a fun multiplayer element. There is nothing revolutionary in Halo 3, but the level of polish and presentation still helps it be a great game. If you enjoyed Halo 1 or Halo 2 and have at least \$60 to spend, you should certainly pick up Halo 3.

**The Good:** Same old Halo, fun vehicles, comprehensive weapons, great save system, fun online play, amazing level of polish.

**The Bad:** Same old Halo game, more of the same game-play, \$60 for a prettier Halo 2.



Enemy Territory-Quake Wars



Peter Richardson  
Staff Reporter

Suit up soldier, the Strogg have arrived at earth! No enemy the Global Defense Force (GDF) has faced in its storied past is as merciless and ruthless as the alien Strogg invaders. This year, 2066, will be the year man has to fight for its survival against overwhelming alien forces with superior technology. The Strogg want nothing from mankind except our bodies as resources to fuel their zombie-esque troops campaign through the stars for total domination.

Luckily this back-story is only the setup for the battlefield. The main bulk of this clash will not be in a story but will be in combat over a collection of very different yet essentially similar combat maps. The GDF as well as the Strogg have five different combat classes for our troops to choose from: a soldier, a spy, an artilleryman, a medic or an engineer. Each class has their own special weapons and

functions that are all essential to every battle. Both the Strogg and our GDF are basically evenly matched on the one-on-one basis and there is really little difference between our troops besides their names.

All of these troops will be meeting on the battleground of planet Earth. Numerous locations all over the globe are under siege from both sides, and troops are needed everywhere. Each location is either a defensive battle or an assault battle and each battle has certain objectives to achieve. These “mission” objectives will really help you figure out how to help in the battle, and depending which class you sign up as will dictate which missions you need to complete. Each of these missions is essential in the overall mission of the location and usually we only have limited time for each engagement before overwhelming reinforcements arrive.

All of the locations are quite comprehensive in their missions and none of the locations are the same, though they are all similar. To help you destroy our enemies the GDF has provided quite a good collection of weaponry for your disposal. Unfortunately, you can only use what is assigned to your class and cannot pick up weapon from the battlefield. All of our missions also involve vehicle combat. The GDF provides tanks, jeeps, ATVs and aircraft, all with excellent weaponry. This of course is to counter the extremely dangerous weapons that the Strogg brought with them including their own tanks, jeeps, hovering aircraft and mech-warrior machines. All of these vehicles will be easy for any recruit to operate and are designed so that one or multiple troops can oper-

ate them effectively.

This war is not for the loner, though; there is no way to fight this campaign without other troops at your side. All of this battle will require an Internet connection to use except for training practice against computer-controlled simulators. All of the combat is also only based on these location battles, and there is little to this war except these assault and defense alternating battles. Whether the \$60 price tag attached to this battle is worth a multi-person only war is up to your judgment.

On a good note, our entire world is presented with amazing visual quality thanks to the great Quake 4 engine. All of the weapons feel perfect and our combat gear allows all of the in-combat effects, voice commands and insults to sound top notch. This war is one of the best looking wars to date and will certainly use the latest cutting edge computer equipment to its fullest. Luckily, some less-than-high-end computer equipment will also be able to cope with this combat, and it seems that the Quake 4 engine is extremely flexible and versatile.

If you are up for a mission-based campaign built on an excellent Quake 4 engine with awesome weapons and vehicles then this battle is for you. But if you want more for your \$60 than a militia-person combat-fest then you should probably look elsewhere. Save the Earth! Beat the Strogg!

**The Good:** Mission based combat, large combat arenas, great weapons, balanced sides.

**The Bad:** Really multiplayer only, both sides essentially the same, mission objectives similar.



PHOTO COURTESY MICROSOFT

## When in Rome: Chicago

Ashley Roper  
Staff Reporter

Unfortunately for the Prairie State, many of Illinois' wonders are overlooked for the third largest city in the nation. Fortunately for you, that city is Chicago. Although the city is renowned for its museum campus and diverse dining opportunities, these are just a few of Chicago's greatest aspects. To really experience the city for all it is worth, a week-long trip is in order; for now, some of Chicago's most exciting secrets will be revealed.

One of the most important things to remember is that navigating Chicago traffic takes time and a good deal of skill. Union Station is centrally located so taking the train is the best bet for getting into the city. There are many efficient ways of getting around the city itself but I would recommend using the el and walking the remaining distance. The most interesting people are found on subways and Chicago's system is no different, especially at night.

Speaking of evening activities, most of Chicago's greatest wonders can only be fully appreciated after the sun goes down. Many people know that baseball and Wrigley Field are staples of Chicago culture, but a Cub's night game it what makes the sport more than just a sport. A 7 p.m. game time immerses its viewer into the way of life that is Chicago baseball. Wabash Street and Michigan Avenue boast one of the most beautiful memorials for the VFW that should only be seen at night. Millennium Park may also be on the list of places to go, but once again, it cannot be fully appreciated unless seen in the evening.

If you come to Chicago for its dining, you have come to the right city. The House of Blues usually hosts a breakfast open to the public. The Chicago River tours are done extremely well and usually for a fair price. Many of them incorporate a lunch into their tour, serving food and drinks right on the boat. If this seems interesting, be sure to sign up for an Architectural River tour and see the wonders of Chicago engineering right

from the river.

For an early dinner and something a bit fancier, skip the Sears Tour and instead head to the top of the Hancock Building. It is always less crowded, and on a clear day the view is wonderful. The 94 floor of the building is an observatory deck as well as a restaurant. It may cost a little extra, but it is more than worth it. Of course, if relaxed is more your style, Ed Debevic's is the place to go. Ed's is a retro-style restaurant, complete with singing, dancing on tables, the best burgers around, and some of the most colorful employees in the city.

Some of the most expensive and elaborate shopping in the world is found in Chicago, but head over to Clark Street if you are really looking for bargains. Clark is home to some of the best thrift stores around and you are sure to find whatever it is you are looking for.

Whether you have come to Chicago for the food, shopping, or sights, I can guarantee it will not disappoint. On that note, one last piece of advice: a Chicago-style dog never ever has ketchup on it.

### Game Release Charts:

Here are the release dates for some of the major game of this season. These dates are all still tentative and could change at anytime.

Game Title:	System:	Type:	Release Date:
Panzer Tactics DS	Nintendo DS	Strategy	Oct. 16, 2007
Eternal Sonata	Xbox 360	Role Playing	Oct. 19, 2007
Guitar Hero 3	Everything	Music	Oct. 29, 2007
Manhunt 2	Wii, PS3, PSP	Action	Oct. 29, 2007
Hellgate: London	PC	Action RPG	Oct. 31, 2007
Tabula Rasa	PC	Role-Playing	Nov. 2, 2007
Call of Duty 4	Xbox 360, PS3, PC	Shooter	Nov. 5, 2007
Lego Star Wars Complete	Wii, 360, PS3	Action	Nov. 6, 2007
Resident Evil Umbrella	Wii	Shooter	Nov. 13, 2007
Assassin's Creed	PS3, Xbox 360	Action	Nov. 13, 2007
Need 4 Speed Pro Street	Everything	Racing	Nov. 14, 2007
Crysis	PC	Shooter	Nov. 16, 2007
Links Crossbow Training	Wii	Shooter	Nov. 19, 2007
Haze	PS3	Shooter	Nov. 19, 2007
Super Smash Bros Brawl	Wii	Fighting	Feb. 10, 2008



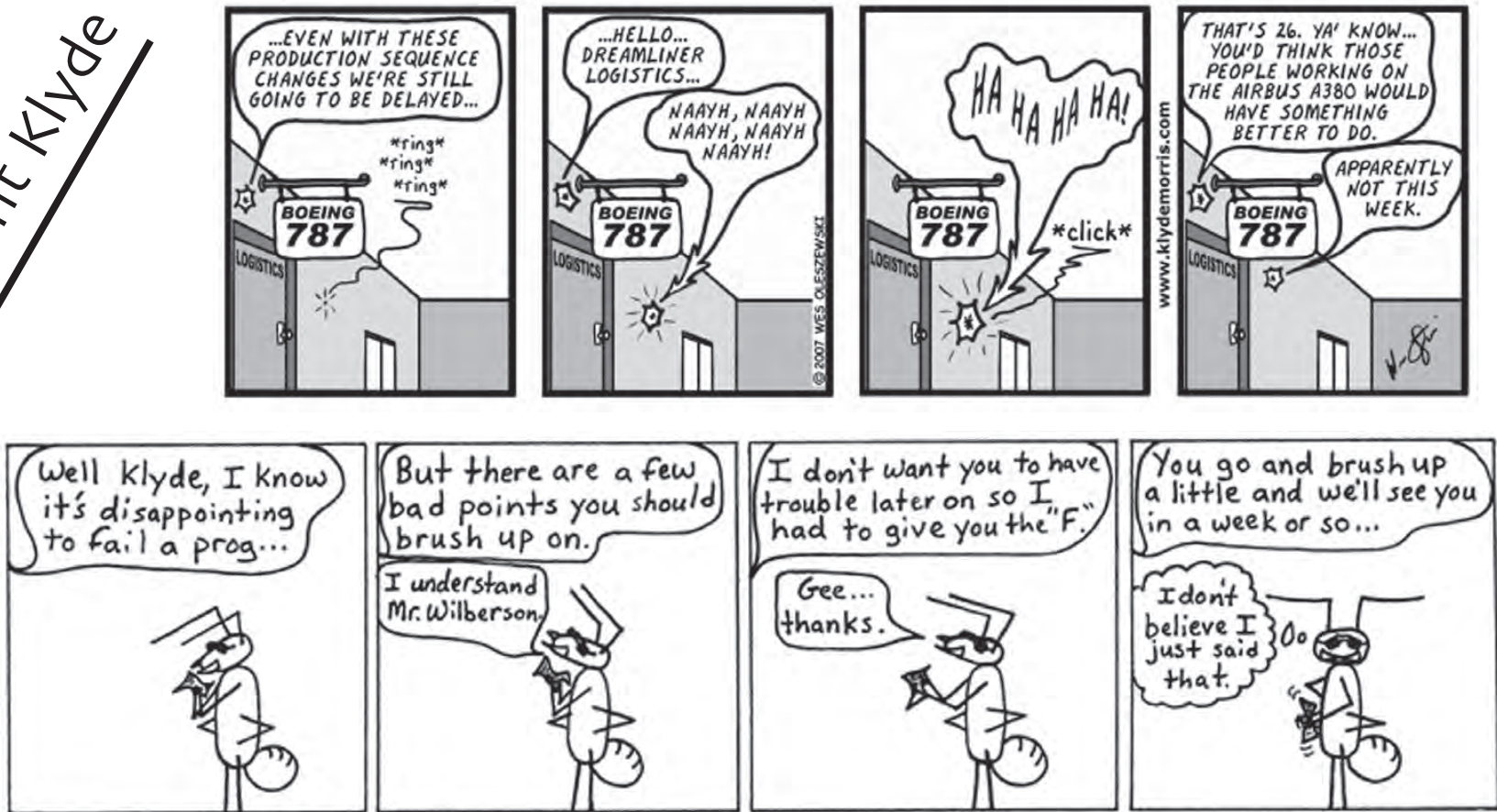
By Wes Oleszewski



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DIFFICULT

## Grrreats

**ACROSS**

- 1 Like Wow!
- 6 Recesses
- 11 American Cancer Society (abbr.)
- 14 Make available
- 15 General Ulysses
- 16 Sever
- 17 Small bright fish
- 18 Rambunctious
- 19 Is
- 20 Giant's wife
- 22 Asian nation
- 23 Stood opposite
- 26 Sailor's yes
- 27 A.D. 1040 King of England
- 29 Good grief!
- 30 Spick-and-span
- 32 Stretch to make do
- 33 Unpaved
- 35 Make wet
- 40 Healing plant
- 41 Not as young

- 42 By word of mouth
- 43 Recently vowed couples
- 45 North Atlantic Treaty Organization (abbr.)
- 46 Tell a tall tale
- 47 Song by the Village People
- 50 Spiritedness
- 51 Number to be added
- 54 Rowing device
- 55 Before, poetically
- 56 One who gets things done
- 57 Coarse
- 60 Hole punching tool
- 61 Clean with bill
- 63 Makers of the Accord
- 67 Mountain Standard Time (abbr.)
- 68 Swarm
- 69 Not rural
- 70 Body of water
- 71 Demonstrations (abbr.)
- 72 Willing to do something

- 2 Manipulate
- 3 Pacific Standard Time (abbr.)
- 4 European monetary unit
- 5 80s U.S. president
- 6 Likeable
- 7 Not cons
- 8 Wood cutting tools
- 9 Omega
- 10 Eye infection
- 11 "Remember the \_\_\_"
- 12 Type of reef
- 13 Buy things
- 21 Seed bread
- 22 Sunset State
- 23 African nation
- 24 Quick and nimbly moving
- 25 Flip a switch
- 27 "Mister" (German)
- 28 Also known as (abbr.)
- 31 \_\_\_ bear
- 34 Bank worker
- 36 Iowa city (2 wds.)
- 37 Vine fruit
- 38 Further in time
- 39 Run away and marry

- 41 Uncollected
- 44 Yang's partner
- 48 Mouse catcher
- 49 Ancient English king
- 51 John \_\_\_ (U.S. President)
- 52 Divine water
- 53 Triangle-shaped Greek letter
- 57 "Cootie"
- 58 Do it again
- 59 Past times
- 61 Philosophiae Doctor (abbr.)
- 62 Fish delicacy
- 64 Michael Jordan org.
- 65 Pop
- 66 \_\_\_ one of these

**DOWN**

- 1 Be seated

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#### Room Available

Condo in Daytona Beach, about four lights away "George Town Lakes". Very close to the university. Individual full bathroom. Has Pool, Gym, Club house, Tennis courts and Screened Porch. Condo completely remodeled, and has washer/dryer. Can be available after 20OCT. \$500.00 a month, deposit only \$250.00. 813-205-2510

#### Roommate Needed

12 x 10 Room available Nov 1st in a 3bed 2 Bath home on Villas Ln Port Orange. Includes all utilities plus cable, internet, laundry. Home is about 15 minutes from campus. Shared bathroom and kitchen. \$500 a month. Price is negotiable!!!! Call me at (516)351-2891 Robert

### HOUSING / ROOMMATES

#### Looking for two roommates

Nice house in a quiet neighborhood located in port orange. New carpet and paint two rooms with one full bath. Washer/dryer and full kitchen and living room, florida room, garage space included for one. \$500/month included utilities contact me at 203-628-8399 thanks

#### House for Rent

Furnished 3 bedroom, 2 bath home with 2 car garage. Immediate occupancy; \$550pp plus security deposit. Call: Judie Udey @ Country Club Properties-386-756-6105

#### Beautiful house for rent

Beautiful house in Ormond Beach. Spring Meadow subdivision, 3200sqft of marble floor, 4 bedroom, 3 full bath, dining room, living room, t.v. room kitchen nook, laundry room, Beautiful pool, 2 car garage, it's a must see, 15 min from Embury Riddle. The best location. Call, Sean 386-295-5686, available now. \$2500/month

#### Beachside remodelled apt.

Completely renovated 1 bedroom apartment with large walk in closets, tiled floors, new kitchen, outside porch patio, small fenced in private yard, private parking. Great location, just 5 minutes from Embury-Riddle. Call (386) 405-2540.

#### South Daytona Beach Riverfront

1 BR/BA. New washer/dryer, carpet, paint, tile, black appliances, maple cabinets. Fitness center, Pool, gated, 24-hour security, Immaculate condition \$750. John 407-761-0109

### HOUSING / ROOMMATES

#### Student Roommate Wanted

New House to share with 2 students. 2400 sq ft, 2 furnished bedrooms to share bath. \$550/month each room includes all. Off street parking, cable, utilities, internet access, washer, dryer use of furnished common areas, patio, and yard. Serious students and nonsmokers only. Sandra 386-453-8500

#### Roommate needed

Looking for a quiet professional to share beautiful 3300 sq. ft. home in Ormond Beach. Serious inquiries only. Please contact Deanna at 386-299-7535.

#### 1/1 house 2 blocks from beach

Remodeled one Bedroom, one Bath house just 2 blocks from beach and 15 minutes to campus. Central heat/air, cute kitchen w/ bar. Quiet neighborhood. \$575/mo includes water/trash/pest. Security, deposit, small pets considered. (386) 212-1578

#### Daytona Beach house for rent

Daytona house 2BDR/1BATH fully furnished all utilities included (water, electric, phone (with long distance), cable & wireless internet). Large front and rear yard to included fencing. Willing to rent house as a whole for \$1800 monthly or two pre approved students \$900 per. First & security. Pets welcomed. Located 4 miles from campus. We are looking for a fun, honest & clean person. Please call 386-257-9900 for more details.

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### HOUSING / ROOMMATES

#### Female, nonsmoker

to share beachside home in daytona beach. Close to campus, walking distance to beach. Completely furnished. \$450.00/month plus utilities. If interested, call Sheryl 407-399-5607.

#### Home on the river

Large beachside home on the Halifax River. Wireless internet, pool, fully furnished, full privileges, one price pays all, close to ERAU. Call 386-252-6662

#### Room Available

Room available for a 2 bedroom apartment at end of September. Rent is \$300 per month plus split electricity and internet. Located at Hidden Oaks apartments in South Daytona. Only 15 minutes away from campus. Call Ryan at (828) 380-0949.

#### Roommate needed ASAP

Roommate needed ASAP, 5-7 minutes away from campus, private room and bathroom, big kitchen, washer and dryer in apartment, \$425 plus half of electric, cable and water included. NO DEPOSIT AND NO RENT FOR SEPTEMBER! Please call Jolly Kapoor at 386-341-9149 ASAP

#### Townhouse for Rent

Port Orange - 2BR, 1 1/2 bath end unit 2 story, new wash/dryer, new refrig., pool. \$750 per month with year lease. Utilities not included. First, last month and security. Call for information (386) 212-7282 or (386) 212-5406

### HOUSING / ROOMMATES

#### Looking for new roommate

I have a cool house in daytona 2 br 1 bath, hot tub, w/d, room is furnished cable and net included, very clean and private, 475.00 per month for everything, very secure parking for bikes as well as cars, 10 mins to Riddle, let me know thanks Dan 386-316-6155

#### Barrington Apts ~ \$335/month

Room for rent. After electricity and internet, the rent is usually around \$330 a month. Great roommates, great apartment. Excellent for students looking for a quiet atmosphere. 5-10 minutes from ERAU. Contact me at: [thompe28@erau.edu](mailto:thompe28@erau.edu) or (401) 617 1074

### EMPLOYMENT

#### Part time Youth Minister

First Baptist Church of South Daytona is receiving resumes for a Part-time Minister of Youth. (Average church attendance is 225) Please send resume to: First Baptist Church South Daytona. Attn: Youth Minister Search Committee 2197 Kenilworth Avenue South Daytona, FL 32119 OR e-mail to: [fbcspdastor@cfl.rr.com](mailto:fbcspdastor@cfl.rr.com)

#### Loss Prevention Officer

Ocean Walk Shoppes is seeking qualified individuals for our Loss Prevention department part-time. Night and weekend shifts available, experience a plus but not necessary. If interested, call Katie at (386) 233-5685 for applications and interviews, serious inquiries only please.

### AUTOMOTIVE

#### '96 Honda Civic

White, manual-5 speed transmission, 138,400 miles, cold a/c, car alarm, apline cd player, well maintained, reliable and a great gas saver. Asking \$2,400 or best offer. Call 386-334-5588.

#### 2004 Kia Amonte

For Sale 2004 Kia Amanti fully loaded with only 23,500 miles and 60,000 mile warranty. Color gold with black leather and wood grain interior, sunroof/moonroof, fully loaded, 4" monitor trip monitor, both front seats powered with 2 position memory, stereo cassette radio, 6 CD changer, custom tinted glass, one driver always garaged, all required services performed by dealer, Price \$13,290, call 386-341-3663

#### Police Motorcycle

"1998" Poilce Kawasaki with sidecar, painted. (Red, white, and blue with Embury Riddle Eagles and "Superman" Logo). Save gas, one of a kind. Garage kept, like new. \$6,500. Call (386) 767-1687 or (386) 295-0771. Your gain! My loss! Over 10k invested. I'm 80 years old and selling all my toys.

#### 2003 Mazda 6i Sedan

Sporty sedan with spacious interior and sleek exterior. Non-Smoker, one owner, perfect first car. Silver exterior with Black Leather interior (maintenance records available). 72K miles. 2.3 liter Cylinder Engine, 5 speed manual trans. Brand New Front Brake Pads and Rotors. Professional Tint, CD Player, Driver Side Power Seat, Power Windows, Sunroof, AC, Heated Front Seats, (2) front cup holders, Rear seat center armrest w/(2) cup holders.

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