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A Division of the Student Government Association

Embry-Riddle Aeronautical University · Daytona Beach, Florida

www.avionnewspaper.com

SGA: the cookie isn't crumbling yet

Six months into their term, execs optimistic despite student concerns

Jonathan Mettin

Editor-in-Chief

At the Student Government Association SGA) banquet on April 8, outgoing Chief Justice Jessica Johnson swore in the current administration of President Sara McCook,

Ryan Rossi. Outgoing President Matt Collier appointed Andrew Leech as the new Chief Justice, and all three branches went through an overhaul, with the Student Court, Finance Board (SFB) and Representative Board (SRB) taking on massive amounts of new members.

'My ticket has the ability to act," McCook told The Avion in a campaign interview. Her, Rossi and Gambino promised to strengthen the student voice, streamline the budget and increase school spirit. SRB and SFB candidates ran promising similar goals.

Now, six months into the term, students within and outside of the SGA are accusing the administration of not acting at all.

The SGA is broken up into several

Vice President Brian Gambino and Treasurer sections. The SFB, SRB and Student Court are the three branches, while The Avion, Touch-N-Go (TNG) Productions and Eagles FM are considered divisions. Task Force One, an organization for freshmen to get involved student government, also falls under the umbrella of SGA. The highest level of the SGA is the Executive Board, which includes McCook, Gambino, Rossi and Leech as voting members, with the division chairs and select SGA personnel as observers.

The Avion spoke with several students last week, some within the SGA itself, and asked their opinions on student government as a whole and the McCook administration in particular.

Please see "SGA" page A2

Hockey demolishes FSU



KYLE TOMASINO LOOKS FOR an opening in the FSU defense. The Eagles found plenty, beating the Seminoles 5-1 and 7-1 this weekend. Eagles FM's Toby Bucsesbu (inset) was one of several announcers broadcasting the game live on 99.1 FM.

Eagles FM broadcasts games live for first time

Brian Case

Business Manager

The Embry-Riddle ice hockey team triamphed over the Florida State Seminoles last weekend in a pair of home games. The two victories bring the team's record to 3-0.

Friday night's game was played before a packed house of approximately 700 screaming fans. The Eagles hit the ice strong, scoring early in the first period. A goal by Tim Hollenshade put the Eagles in the lead for the rest of the game. The Eagles scored again less than one minute later, when Nolan

Collins put one past the Seminole goalie, assisted by Lowe Spencer. The Eagles skated off the ice at the end of the first period

The Eagles offense kept the puck in the FSU zone for most of the second and third periods. Captain Jason Scavilla scored on a stellar breakaway run near the end of the second period, evading three defensemen. Scavilla scored again in the third period shorthanded three on five to seal the game up 5-1. The Seminoles' only goal was with five seconds remaining in the second period, taking the defense by surprise.

"We could have skated a lot harder, but we still put the puck in the net," said forward Joe Tetu following Friday's game.

Saturday's game opened with both teams skating strong. There was no sign of weakness by the FSU offense, and the Seminoles would have scored if it hadn't been for several stellar saves by Eagles goalie Dan Trundle. Hollenshade scored the first goal on a shorthanded breakaway across the ice, putting the Eagles on track to replicate the success of Friday. Forward Grant Mauritzson scored late in the first period, putting the team up 2-0. The crowd was only half the size but just as spirited, keeping the volume up for the entire game.

Scavilla put the Eagles on track in the second period, scoring from a face-off less than a minute into resumption of play. He went on to score again five minutes later during an Eagle power play. Another goal by Hollenshade four on four put the Eagles up 5-0 at the end of the second, despite serving several penalties.

The Seminole defense seemed to collapse during the third period, with numerous scoring opportunities by the Eagles even when serving penalties. The game ended with a 7-1 Eagle victory.

Penalties remain the toughest challenge

Please see "HOCKEY" page A8



SGA PRESIDENT SARA McCOOK has come under fire, with students accusing the organization of idleness. Vice President Brian Gambino (left) said that the SGA is improving its "inner workings" to help them improve student life.

Flagler HS student finds razor in cafeteria food

Melanie Pugh

Copy Editor

While high school cafeteria food has never received rave reviews, Craig Beat now has a legitimate reason to complain. The 16-yearold, a student at Flagler Palm Coast High School, reported to school officials his finding of a razor blade in his lunch on Sept. 21.

Beat, who was not injured, reported his purchase of a chicken sandwich from the school's cafeteria during his lunch period; it was not until he bit into the sandwich that he discovered the razor blade embedded within the chicken patty.

Atlanta's Gold Kist Inc. supplies Volusia County Schools with its manufactured food products, but denies responsibility for the insertion of the hazardous object.

Karla Harvill, Public Relations Manager

for Gold Kist, said, "We take any allegations of product tampering seriously.'

The company boasts a rigorous screen-

ing process for all of its products, and counters that no razors are used in production. As an additional precaution, all products are screened before being transported; this includes a pass through a metal detector Gold Kist claims can detect an article as small as a BB. They insist the razor found its way into the chicken patty after leaving the plant cooked and frozen.

While officials are still investigating, the cause is yet unknown. Roy Pistone, Assistant Superintendent of Volusia County Schools also denies responsibility on behalf of the school, "[The razor blade] did not come from us." A closer examination has revealed no extra incisions or areas of insertion, leading investigators to believe the razor was in place prior to leaving Gold Kist's plant.

No other cases have been reported, either by Gold Kist or within the area. In the mean time, Flagler Palm Coast High School and other area schools will be receiving food products from another supplier. Charges are not expected to be filed.

Meet the Professors



CHARLES EASTLAKE (LEFT) WAS one of several representatives from the College of Engineering at the Speed-Deaning forum last Thursday.

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Japanese SST surpasses Mach 2 in test flight

Tech Front, B1



Men's soccer wins, extends streak to six

Sports, A8

THE AVION

By students, for students.

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Ahdoot, Acafellas entertain in UC

Zach Mahone

Staff Reporter

Touch-N-Go productions did it again with another outstanding evening of live entertainment. This past Friday, they presented Dan Ahdoot as seen on NBC's

"Last Comic Standing."

Opening up for Ahdoot was the Embry-Riddle AcaFellas, who get better each time they perform. With their renditions of "In the Jungle" and "Gotta Have Faith" they left the audience with a standing ovation, many of whom wanted an encore.

As Ahdoot hopped up on stage no one knew exactly what to expect, but within minutes of the show guts were busting and tears were flowing as his comedy style was raw and simply hilarious. Introducing himself as an Iranian

Jew created an as easy transition into ethnic and religious jokes. "I've been Iranian for 23 years up until 9/11, and now I'm Puerto Rican." He spared no one including his father. Yet he did it in a clever, witty way, which left the audience thinking, "Yeah that's hilarious."

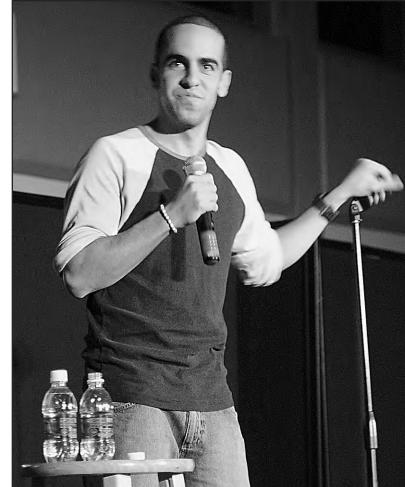
Of course what would an Embry-Riddle event be without the loudmouth, arrogant, idiot who feels the need to proclaim his existence by annoying everyone around him? "Greg" was the name give to the guy at this event. One big mistake Greg made on Friday night was that he became singled out by Ahdoot. Although, it was kind of funny when Ahdoot would bust on Greg every five minutes, I guess Greg didn't think it was that funny and felt the need to leave halfway through the show. You were missed Greg.

Quite possibly the funniest part of the entire evening was when SGA President Sara McCook anxiously volunteered herself to allow Ahdoot to prank phone call her mother. No one knew where this was going, but it was going to be great! After a failed voice-mail attempt on the cell phone they called the house. "Hello" answered the woman on the other line.

Ahdoot, acting as an Embry-Riddle safety officer, proceeded to inform McCook's mother that there was an incident involving streakers across the campus, and McCook was one of them. "I wasn't going to cause a commotion," Ahdoot said, "until she threw her beer bottle at me." At this point, the audience's heads were about to explode with laughter because they couldn't make any noise, or it would ruin the joke.

What really sent it over the top was when Ahdoot handed the phone over to McCook and she informed her mother how she has somehow managed to become kicked out of Embry-Riddle and the SGA, which left her mother in disbelief. At this point the audience cannot believe what is happening in front of their eyes. Ahdoot was handed back the phone and started talking about legal ramifications, such as fines. He finished the prank call with, "But there is some good news, I just saved a bunch of money by switching to Geico!" and abruptly hung up the phone.

The most interesting thing about Ahdoot is perhaps the story where he comes from. He graduated from Johns Hopkins University with honors as a premed student. Not long after, he decided to throw it all away and pursue the ever so secure route of comedy. His parents are still celebrating. He later moved to New York City where



DAN AHDOOT, ONE OF the stars of "Last Comic Standing," put on a show in the Student Center on Friday. One part of his act involved prank-calling the mother of SGA President Sara McCook.

he was instantly one of the hottest youngest comics on the scene. Ahdoot said he is currently the most scheduled standup comedian in the United States. When asked what would you

suggest to aspiring artists? Ahdoor replied, "You have to focus on it 100 percent, don't let anyone tell you what you can't do." It's truly refreshing to meet people like Dan Ahdoot.

Quiet hours? What are they?



of Eagles FM, said, "It has been

a good semester for Eagles FM."

He cited their increase in staff

and their internet broadcasting on

www.eaglesfm.com as two of their big

Longshore, who sits on the execu-

tive board with Lesperance and Avior

Editor-in-Chief Jonathan Mettin as

observers, said that the board has some good ideas, but expressed that the division chairs should be made

accomplishments this year.

(FROM RIGHT) AMY VAUGHAN (Assistant Director of Student Activities), Thomas Vergo (Touch-N-Go Vice Chairman), Scott Longshore (TNG Chairman) and Michelle Morton act as judges last Tuesday during tryouts for the 2005 Homecoming Talent Show. Slated for Thursday, Oct. 27, the show will feature several bands and other music-related acts from the late-night tryout session.

"SGA" from Front

One student, who declined to identify himself, said, "With McCook, the cookie has crumbled."

While he did not necessarily approve of Collier's agenda, he said he knew the SGA was doing something. With McCook's administration, he said, he has not heard of anything being done in the branches.

McCook denied that her administration has been inactive.

"We did a lot of things over summer," she said. "We've done a lot of work with SkyFest, we've done a lot of work with the Master Planning Committee ... student government has really done a lot this semester."

Almost every executive praised the divisions for their work. While The Avion has added an extra issue per semester, Eagles FM has begun broadcasting ERAU sporting events live. TNG, according to Chairman Scott Longshore, is working to secure entertainment acts as well as expanding its lighting system to improve the quality of its stage shows. Many students outside of the SGA who were questioned for this interview were unaware that the divisions were part of the SGA.

The SRB was also accused of relative inactivity. For many, seeing the SkyFest flyers that were placed around campus this week was the first indication of SGA activity.

Gambino, who chairs the SRB, said many of the SGA's activities this semester have been focused on the "inner workings" of the SGA, streamlining the SGA constitution

You have to be a stronger unit inside to be the best unit outside," Gambino said. He also pointed out the SRB, in conjunction with the SFB, has organized a discount for SkyFest tickets for students. Starting last week, students can go to the SGA

office and purchase air show tickets for \$7 instead of \$15.

Gambino also answered an accusation that he is attempting to alter the constitution to suit himself. Over the summer, Gambino was on a study-abroad program. The SGA constitution specifically states executives have to be present over the summer, and Gambino is part of an effort to strike that from the document. He acknowledged that is true, but pointed out he had discussed it with SGA Advisor Allison Austin beforehand, and the amendment would stipulate she approve any executive's summer absence.

Tiffany Fine, a representative for the College of Aviation and one of the most experienced students in the SGA, having served on the SRB since 2003, expressed some concern over the SGA dragging its feet.

Referring to the SGA retreat that took place over the weeknd, Fine said, "It's definitely something that should've been done earlier in the semester." She said the retreat is essential for the SGA operating as a single, cohesive unit.

As for SkyFest, Fine said the issue should have been addressed long ago when it first surfaced.

"If we had meetings over the summer like we did every other summer," Fine said, the SGA would have been able to avoid the last-minute fiasco.

"Rather than reacting to the administration," she said, "I'd like to see us proactive."

Contrary to other branches, the SFB, led by Rossi, has received rave reviews from students, many praising their handling of the club budgets, doing about 100 club budgets in the span of a weekend.

As for the exec board, Rossi said, We have had our hardships, but of course with any new executives there will always be a few hiccups." He mentioned they are working on the honor code and tuition.

Leech's court is currently working

on streamlining the appeal process as well as getting security cameras for parking lots.

The Student Court recently released its parking and traffic video, which explains University parking regulations and the appeal process. the video was shown to incoming freshmen after the traditional Risky Times segment. Leech also noted the warning placard program, in which his justices issue warnings to students illegally parked so they can avoid tickets. Leech also mentioned the Parking & Traffic School, which is a session students with a large amount of tickets can attend and take a test, rather than having to make an appearance in front of Associate Dean of Students Paul Bell and have it recorded on their permanent record.

He declined to comment of specifics of the McCook administration, citing his position as an impartial body. Jesse Lesperance, the chairman

"I feel that sometimes we are simply passed over," Longshore said. "I feel if we had voting power ... we'd be taken more seriously."

full voting members.

McCook and Gambino said, now that this semester is underway, several important issues, such as tuition, will

arise for the SGA to tackle. "[We're] only as good as the students that support us," Gambino said

Whether or not they have that support seems to be in question.

Insanity in the IC

Heather Van Antwerp

Copy Editor

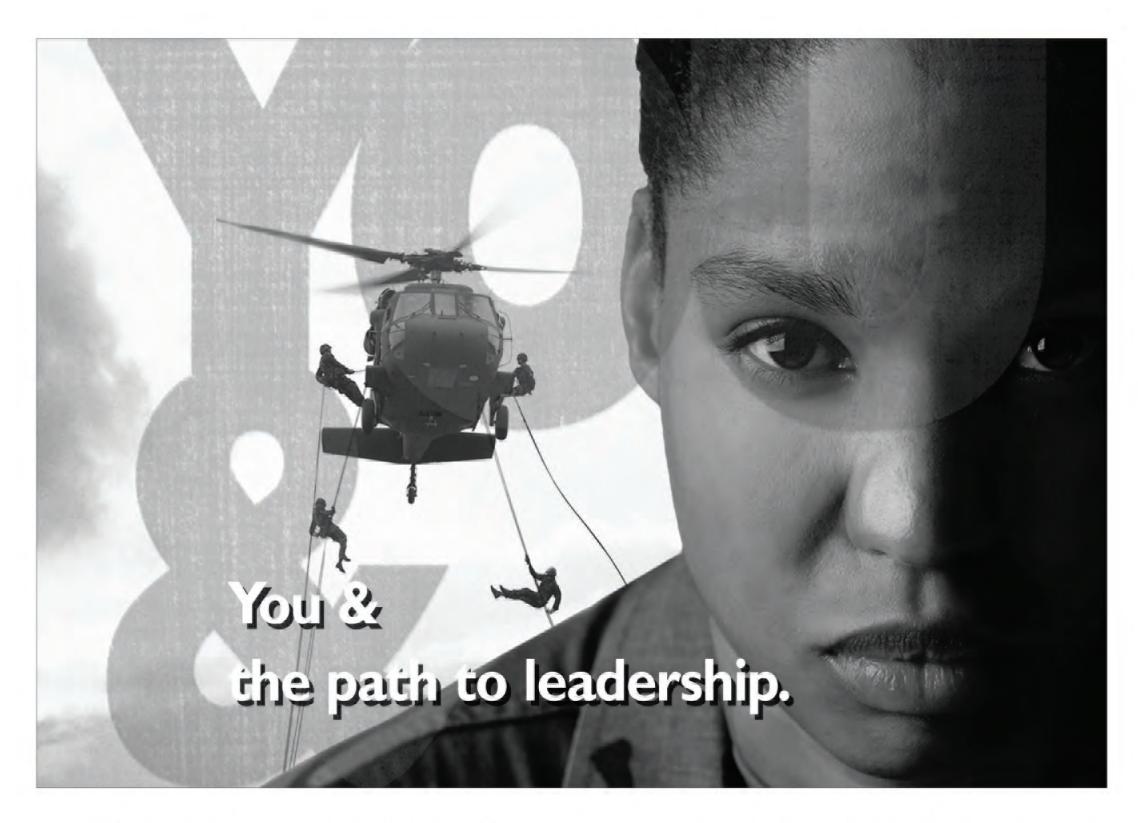
Last Wednesday a local improvisational group, aptly named Random Acts of Insanity, put on a free show in the IC auditorium. This act follows the guideline of other successful improv shows such as "Who's Line is it Anyway?" Filling the auditorium the group proved to stand up to expectations. Performing several improv scenarios and incorporating audience participation, the group successfully caused the audience to break out into infectious laughter during every minute of the show.

Created earlier this year by group member Hillary Walker, "the group is made up of nine aspiring funny people, some from ERAU,

some from DBCC, and some from the crazy place called 'the real world," stated Anthony Vareha an Engineering Physics major who is a part of this hilarious group of silly people.

Since their beginning the group performed semi-monthly free shows in the IC auditorium; which, by the looks of it, has been a pretty fruitful affair. They are definitely not going away anytime soon, so keep an eye out and catch their next show. It is a guaranteed good time, and a great break from homework and studying.

There are other ways to see Random Acts of Insanity perform: they are available for private shows and club fundraisers. For more information visit their website at www.randomactsimprov.com.



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NATIONAL NEWS

Illegal immigrants cause problems for Spain

Curtis Ewbank

Copy Editor

On the northern coast of Morocco, Spain retains two vestiges of its oncegreat empire: the small enclaves of Ceuta and Melilla.

Recently, these enclaves have been under siege. This siege is not waged by a foreign power desiring to wrest these cities from Spanish control, but by thousands of immigrants seeking to cross into the European Union for a chance at a better life.

Often, they cross illegally, resultng in problems for Spanish and Moroccan authorities.

Spain has attempted to defend its borders from illegal immigration by

erecting a three meter high fence around its territory. This fence has not been very effective, as last year Spain detained more than 15,000

illegal immigrants. month, was plan announced to raise all border fences to six meters, to be completed by February 2006. announcecaused

at the border as people were trying to break through before the fence was raised. Spanish authorities have already

had to detain more than 12,000

people this year. The current fence is lined with razor wire and is in some places already six meters high. These factors make crossing the fence

> dangerous; in the most recent wave of immigrants at least 11 people were killed. illegal

Once immigrants arrive in the Spanish enclaves, they are detained.

In previous years, Spain was unable to act (and deport all immigrants) because it only had a repatriation agreement with Morocco and immigrants came from

a 1992 accord with Morocco

that allows Spain to deport all immigrants Morocco, regardless of their country of origin. As a result, a strain has been placed on Morocco to deal with Spain's deported gal immigrants.

Morocco's

Communications

Minister Nabil immigrants] with food, water, and... transport them in our own vehicles."

immigrants were receiving these ser-

vices as the numbers are so large. In the past, Morocco has been criticized for not

doing enough to stem the flow of We provide [them] illegal immigrants. Morocco When food, water, and... did approach the transport them in problem, it was criticized for causour own vehicles. ing humanitarian - NABIL BENABDALLAH problems.

immi-Some grants, such as 600 Malians flown

Benabdallah stated, "We provide [the back to Mali on Thursday, volunteered to be deported from Morocco back to their home countries. Those However, he did not guarantee all that do not volunteer currently

The aid agency, Medecins Sans Frontieres, said it found 500 immigrants abandoned in the desert last week.

Spain has requested aid from the E.U. to help it counter illegal immigration and provide services for ille-

gal immigrants. Spanish Justice Minister Juan Fernando Lopez Aguilar said there is a need for a "substantial increase in funds in all areas and to give the necessary aid to Morocco, which has limited means."

Spain's foreign minister has announced plans for a meeting between African and European leaders to discuss the issue of illegal immigration.

Plame identity revelation Natural disaster victims investigation to end soon

Controversial conversations can lead to problems

Chris Tezak

Managing Editor

The investigation of the leaking of Valerie Plame's identity to Newsweek is coming to an end, and on Friday Karl Rove, President Bush's top political advisor, testified in front of the grand jury for a fourth time.

Earlier this week details of discussions between the President and Rove were released. The conversations were around the time of the leaking of Plame's identity and they are believed to contain a denial by Rove that he was involved in anything regarding Plame.

The conversations are controversial due to discrepancies in Rove's testimony in which he did not recognize a conversation he had with Plame in 2003.

four-and-a-half

testimony Friday is expected to be his this case could permanently hurt last and there is no clear indication whether or not he will be included in any criminal charges that special investigator, Patrick Fitzgerald, will large political shoes would have dole out when he completes his

lawyer, Robert Luskin, gave a short statement to reporters after the hearing without giving a hint as to the plans of Fitzgerald.

"The special prosecutor has not advised Mr. has Rove that he is

a target of the investigation," said Luskin. Rove did not comment after the hearing.

The investigation into the Plame case has been going on for nearly two years and should soon come to an end. If the investigation yields a large number of indictments it could be disastrous for the Republican Party and the president.

Amid low poll numbers, controversy over the war and Katrina response, as well as other party leaders being charged with ethics violations, a negative outcome in

the administration, and its trust with the American public. If Rove were to be indicted, his

is

A former White

situation

to be filled; a daunting task that would most likely involve the reor-

ganizing of the The... prosecutor power structure in the White House. has not advised There [Rove] that he much optimism in the adminisis a target... tration that this whole will blow over.

- ROBERT LUSKIN

House official was quoted as saying "Karl is the guy known for pulling the rabbit out of the hat, snatching victory from defeat, winning the closest elections.

The other high-ranking official that has garnered much attention from the grand jury is Lewis (Scooter) Libby, Dick Cheney's chief of staff.

Libby has been earmarked because of testimony given by New York Times reporter Judith Miller. She was jailed three months ago for failure to relinquish her sources, but later named Libby as her source in exchange for her release.

still waiting for relief aid

Staff Reporter

As Pakistan and India are suffering from aftershocks and poor weather conditions that slowed rescue efforts, disaster aid is also needed for the landslides caused by Hurricane Stan in Guatemala.

Emergency workers estimate the Guatemalan landslides have buried about 2,000 people in Panabai, many of which were Sutujil Indians. Government officials have already begun recovering the buried bodies and placing them in mass graves to prevent a disease outbreak. However, this arouses conflicts amongst some communities in which strict traditional burials have taken place for centuries. "When a person dies, we mourn them for one day, and then the next day we bury them at exactly the same time of the day they died," Virgilio

Perez, a farmer said. The Guatemalan government has asked the United Nations for an aid package of \$21.5 million due to the depletion of Guatemala's emergency resources. The rescue mission is also proving to be highly difficult because the road system connecting the isolated villages was damaged by Hurricane Stan. "They are very

deep. There is too much mud and they are way inside there, they are too deeply buried," rescue worker Oscar Mendez said. Currently, the U.S. has provided

15 helicopters along with spy satellites and reconnaissance plane imagers to assist in the relief efforts. 'There are so few of these kinds of problems that one country can handle alone," Defense Secretary Donald Rumsfeld said.

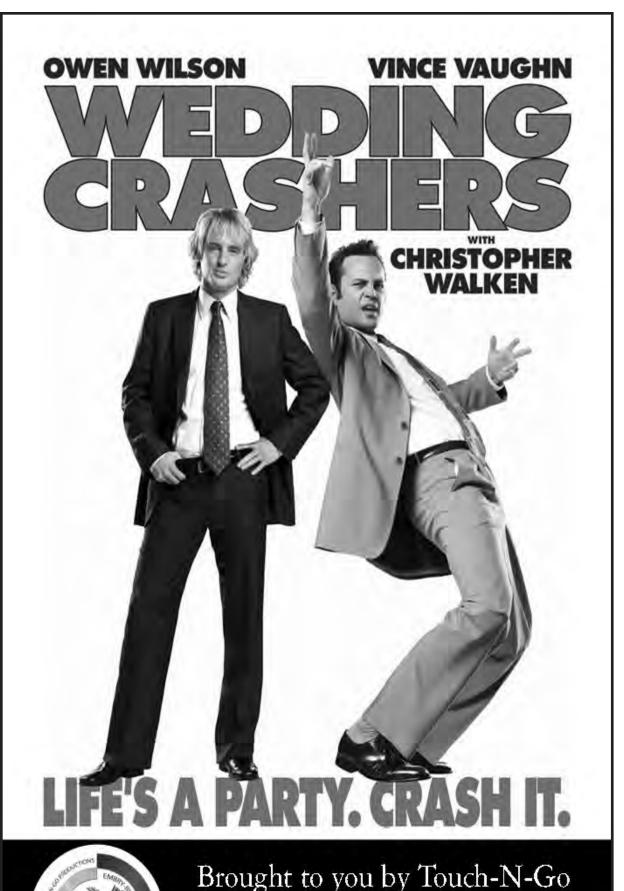
Nevertheless, these helicopters were not distributing emergency supplies until a week after the mudslides took place. "It's very late, a week has already passed, He should have come earlier," said Salvador Ramirez, a local craftsman. Due to lessons from Hurricanes Katrina, Rita and Stan, there is a circulating concept of creating a designated security force comprised of Central American nations to respond to regional disasters.

As for the earthquake in South Asia, the relief operation encounters additional obstacles with several aftershocks measuring five and higher on the Richter scale. This is in addition to the unstable weather that hinders helicopter operations. Like in Guatemala, roads are disconnected, isolating communication to those who need the most help. Current estimates suggest more than 25,000 people were killed in the entire Kashmir region. Although emergency supplies such as food and medicine are being distributed, many are placed under "The survival of the fittest" doctrine Some have to walk for hours to seek help, while many others were given food but not the utensils with which to cook them. In extreme cases, some people ate grass or took to looting the local shops. Aid operation in India and Paskistan are poorly coordinated in some areas angering many survivors. For instance, the Indian army was not permitted to cross the line of control even if it were possible for them to reach the devastated areas in Pakistan controlled Kashmir within 15 minutes.

"The administration fails, the army rescues, and civil society follows, aid worker Basher Ahmed said. Both governments claimed the area is just too huge for them to reach everyone in a timely manner.

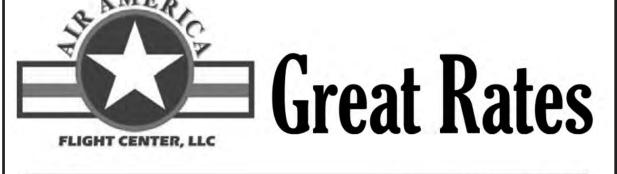
Aside from providing aid, many aid organizations are worrying about disease outbreak amongst the victims, due to unclean water and the lack of safe shelter.

About 30 nations have contributed aid workers or supplies to Kashmir, and many donations have been collected from international organizations and businessmen.



Thursday, October 20

8:30 p.m. IC Auditorium



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United to begin flying out of Daytona Beach



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UNITED AIRLINES WILL BEGIN flying CRJ's out of DAB to Dulles International, starting Febuary 8. Connections will be available from there to the Midwest and Northeast and tickets can be purchased now through Travelocity and other sites. If the route to D.C. goes well United will also look into adding a new route into Chicago. Pricing on the flights will be slightly more than those out of Orlando and will be competitive with the other carriers. There will be two flights of DAB, one at 9 a.m. and one at 11:45 a.m.

Harriet Miers' U.S. Supreme Court nomination faces several challenges

Lack of experience could affect Senate votes

Brian Case

Business Editor

Harriet Miers has a tough job in Washington these days. As President Bush's nominee to the Supreme Court, she is fighting an uphill battle to win confirmation votes not only from Democrats, but also from Republicans.

Harriet Miers' law career began in 1970. After graduating law school, Miers took a job clerking for Judge Joe E. Estes, then Chief Justice for the U.S. District Court for the Northern District of Texas. In 1972 she was hired by a Dallas, Texas law firm where she would eventually rise to the rank of president. She remained at the firm until 2001, when she left to serve in the Bush White House.

Miers' first political involvement with Bush was in 1994, though they had known each other for years before. She was part of the transition team following Bush's election as governor that year, and subsequently became Bush's personal lawyer.

Miers was one of the many lawyers that litigated the 2000

presidential election. She left Texas to join Bush in Washington in 2001, and rose to become Chief White House Council in 2004.

Miers was once described by Bush as "a pit bull in size six shoes." In the weeks following her nomination, many have come out to speak on her personal dedication and ambition toward her work. If confirmed, Miers would become only the third woman to serve on the U.S. Supreme Court.

Opposition to Miers' nomination has come from both sides of the aisle. Democrats are concerned she could push the Supreme Court too far to the right, and Republicans are concerned she isn't conservative enough.

One of the most common criticisms is that Miers has no experience as judge.

Although not uncommon (William Rinquist had no judicial experience before joining the Supreme Court), Miers' lack of experience leaves little record of her judicial policy or personal views. She likely will face tough questioning from the Senate when the confirmation hearing begins. The biggest challenge facing Miers is to overcome her reputation in Washington as a President Bush die hard.

Confirmation to the Supreme Court requires a majority of the Senate's support. The Senate is made up of 55 Republicans 44 Democrats and 1 left-leaning independent. While all 55 Republicans voted to confirm John Roberts, the same for Miers seems less likely given her lack of judicial background.

Peace talks on hold

Heather Owen

Aeronautica Editor

Peace seems to still be unattainable as the Israeli-Palestinian peace talks were postponed Monday. It is the second summit cancellation in October.

The meeting between Israeli Prime Minister Ariel Sharon and Palestinian leader Mahmoud Abbas was supposed to focus on key topics such as Israel's release of Palestinian prisioners and disputes about the turnover of West Bank towns to the Palestinians.

"There was not enough preparation for this summit ... to be held tomorrow," Palestinian official Nabil Abu Rdeneh said. "So it has been postponed until the end of the month, or the beginning of next month."

Both sides said they would continue committee meetings to try to resolve disputes. "We regret that the summit that was planned ... will not take place tomorrow, but we hope that it will take place in the near future," Israeli Foreign Minister Silvan Shalom said at the start of a meeting with visiting Assistant Secretary of State David Welsh.

Palestinian Cabinet Minister Sufian Abu Zaydeh said Isreal is not being specific enough about the release of Palestinian prisoners.

"Israel is talking in general, not talking about numbers and criteria. That's not enough for the Palestinians," Abu Zaydeh said. "The issue of the prisoners is one of the most important issues in terms of Palesitnian public opinion," he added. Abbas "would have a lot of difficulty meeting with Sharon without having convincing answers," he said.

Tensions, including militant groups in the Palestinian territories, are threatening Abbas' rule. Sources say that the prisoner releases are an emotional issue in Palestine. "We're talking about a process, a very complex process, of returning back to normal" said Raanan Gissin, an official in Sharon's office. He added that the Gaza pullout "has proved that the only way that you can move towards peace is piecemeal, step by step, trying to resolve issues and then moving ahead."

Local Briefs

A Burmese python has taken another victim in Miami Gardens. This time it was a one-year-old Siamese cat named Frances.

The cat vanished from his owner's home, but a snake expert believes that he might have revealed the animal's whereabouts. The expert believes the bulge inside the 12-foot long python is Frances. The python was captured and taken to a nature preserve, where it will reside in a glass cage.

Ponce Inlet's police department has recently received state accreditation by the Commission for Florida law Enforcement Accreditation.

Its accreditation makes it the most recent and smallest agency in Volusia County to receive the designation. Ponce Inlet's police department

Ponce Inlet's police department also received recognition by the Commission on Accreditation for Law Enforcement Agencies, an organization responsible for accreditation on the national level.

A Crescent City man will wend the next 30 years in jail for forcing his way into a home while armed, robbing the occupants, and kidnapping a child.

Bryan Johnson, 21, was sentenced after a jury found him guilty in August. He was charged with shooting into an occupied vehicle, kidnapping a victim under 13 and burglary with assault or battery.

The kidnapped child returned to his mother after Johnson put him down after he had robbed the house.

An Orange County deputy was shot while trying to break up a suspected drug deal, the Orange County Sheriff's Office said. One of the suspects shot the officer twice, then fled on foot, while the other suspect drove away. The deputy is in stable condition.

Advertisement

Tailgate Party 2005 ICI Center Parking Lot 5:00pm Friday October 28th



RECYCLED PERCUSSION

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OPINIONS

Party rhetoric in the way of real progress

Recent letters on Republican banner are 'unproductive'

I'm a recent graduate. I was very active in the College Democrats last year, and I feel compelled to throw my two cents into this debate going on about the College Republicans and their banner.

Both articles that appeared in this paper about the Republicans' banner contained the usual mean-spirited and unproductive arguments from extremists on

No, I'm

too old

for that

kind of

stuff

bent on world domination, and

In the two weeks that this argument has been going on, more American soldiers have died in Iraq, and according recent testimony by top generals Secretary

Rumsfeld, number of Iraqi battalions that way. Instead, we got the usual are capable of conducting combat rhetoric, dividing the country into operations without U.S. assistance has dropped from 3 to 1. Things aren't going to get any better in

both sides: the Republicans are Iraq or the United States until both parties stop slinging mud and start the Democrats want to give coming to some sort of consensus the French veto power over every- about what to do to get this country back on track.

> This was an opportunity for the Democrats ... and for the Republicans. - GENE SCHLESINGER

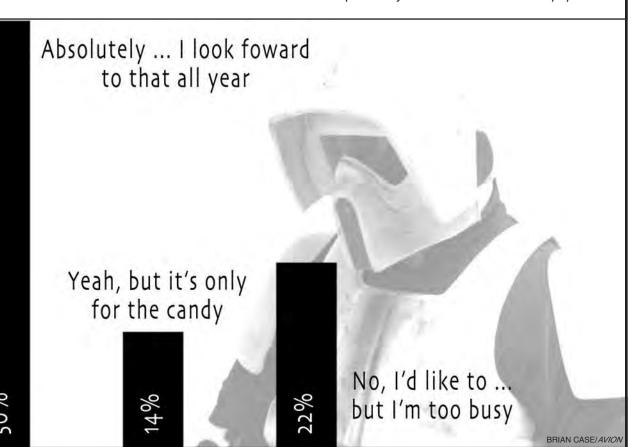
in a respectful fascists and flip-floppers, and getting no solutions from either side. ~Gene Schlesinger



Avion Online Poll Results

The Avion asks: "Are you dressing up for Halloween?"

-New poll every issue at www.avionnewspaper.com



Stand Up!

Constitution in Iraq will define the legacy of President Bush

Well, this weekend was judgment weekend for the Iraqi people. They had the

opportunity to decide whether or not they will have a new government by the end of this year or if they will have to go back to the drawing board.

The numbers coming in seem to point to the approval of the charter, which could mean one of two things: either the people of Iraq will unite under

Columnist the banner of the new government (which is unlikely due to the general opposition from the Sunni population), or,

and what I think more likely scenario at the moment, the country will become

fractured and distant.

The constitution, in its current draft, uses the premise of federalism, which will give the Kurdish and Shiite dominated regions of the country partial autonomy. This autonomy could make the Kurdish people, who already want a state of their own, completely break off from Iraq. The Shiites

and Kurds both overwhelmingly approved the charter because of their belief in it will ending rebellion and punishing the primarily

Sunni insurgency. The Sunni's believe their religious leadership motivates the Shiites, and that they will be more loyal to Iran

than the Iraqi people.

The people did turn out to vote though. In fact it is believed that 60 percent of the population voted. A number that the United States has not seen since ... I do not even remember. It is truly amazing how the turnout is affected when the state of a country is at stake. Maybe people in this country could take a page from the Iraqi people. They took one from us in the way they did not compromise to get a charter that everyone could agree upon.

In the coming years, all eyes will be on the country to see if

the idea of democracy can work in a region divided by tribes and religions. The constitution was amended to allow for changes after the vote, so there is still hope for the country to stay together instead of splintering off into separate entities with religious leaders such as the way Iran is currently structured. I know everyone wants another Iran in the world.

From here on out, the way that Iraq is run will prove or disprove the validity of the war and everything associated with it. If they succeed, President Bush will receive his vindication. If not, he will forever be remembered as the President that tried to tame a country with bloodshed.

THE NOTH FACTOR

I'll take a dead car battery over stupidity any day

Christopher A.

Columnist

Car troubles, no matter how minor, are absolutely irritat- trading one vehicle for another ing. I went to study for a can have such a transformquiz with a friend in Port ing effect. Thank goodness

Orange on Thursday night. I dumped the white one for When I turned the the dark blue one key in my ignition, the engine did nothing. Immediately, I became frustrated, disappointed, depressed and prone to violence.

I had plenty of things to say to my car: "I hate you; I hope you die ... of course, what I mean by that is, "I love you and I wish you'd start." Even though I had more

wasn't saying much back. Apparently, though, experts think my car's color has plenty to say about me, even if the engine won't turn. According to the experts at Dupont Automotive Finishes,

car colors indicate many dimensions of owner's personalities. Color Answer Book author reflective of personality, but Leatrice Eiseman says car even it is situational. colors can be rather indicative. In my case, my dark blue car on this campus. An orange indicates that I am "credible, confident and dependable."

I suppose before, though, when I drove a white vehicle, I was "fastidious." Before writing this article, I did not even know what fastidious meant; I find it funny, though, that trading one vehicle for another changed me from a finicky, detail-oriented person Christopher the Credible.

otherwise I might be running around, indecisively ing my nose into the details of other peo-ple's business. Now that I've come across Ms. Eiseman's analysis, I'll ensure that I only purchase black cars, because I aspire to be described as

"empowered, not eas-

ily manipulated, loves than a few words for my car, it elegance, appreciates classics." Leatrice Eiseman, like many psychologists that attempt to extend psychological research into the mundane aspects of normal life, is an idiot. Car colors cannot begin to indicate a thing about personality. Even car models can't say that much. Driving style is often

> Consider many of the cars car might not necessarily say "fun-loving" as much as it says "I bought this car used." Models of car don't necessarily reflect taste as much as, "my dad has been very successful on Wall Street." As annoying as car troubles can be, I would rather hook a battery cable to my big toe than listen to someone try to gauge personality based on aspects of everyday life.

Have something to say? Want to add your two cents? Send your letter to the editor from The Avion's website, www.avionnewspaper.com

Student Forum

Tezak

The Avion asks: "What do you think the manned space fight program will look like in 20 years?" -Compiled by Brian Case



Jack Marshall Aerospace Engineering Junior

"Similar to what it is now. I don't think they're going to do anything radical.



Daniel Ganter Aeronautical Science Freshman

"It will be a lot more privatized, with commercial space flights.'



Matteo Orazi Aerospace Engineering Freshman

"I hope that they change from the Space Shuttle to a safer and cheaper way to get into space so there are more space flights.



Carlos Rodriguez Air Traffic Management Sophomore

"The government stopped puting the right resources where they need to go. The end result is it will look the same.



Sean Banogen Aeronautical Science Senior

"There will be commercial space flights, like the



Rami Jabr Air Traffic Management Senior

"The ants they've been studying in space for the past 10 years are going to revolt and take over the space station.





Sean Banogon **Aeronautical Science**



Jackie Bennett

Applied Meteorology



Bridget Brown **Engineering Physics**



Jerome Brown

Aeronautical Systems



Jackie Burant **Aeronautical Science**



Michelle Cohen

Aviation Business Admin



Kristen Connolly

Applied Meteorology



Scott

Cox **Aerospace Engineering**



Tiffany Fine

Aeronautical Science

PHOTO NOT **AVAILABLE**

Sean Freeman

Aeronautical Science



Amber Gell

Aerospace Engineering

PHOTO NOT **AVAILABLE**

Stephanie Herrernan

Aerospace Engineering

PHOTO NOT **AVAILABLE**

Dianna Hite-Smith

Aerospace Engineering



Kent Kalogera

Electrical Engineering



Andrew Kurtz

Aerospace Engineering



Jamail

Larkins

Aviation Business Admin



Andrew

Aerospace Engineering



Cathy Lesnik **Aerospace Engineering**



Perry

Aerospace Engineering



Scott Longshore

Aerospace Engineering



Janiece Lorey

Aerospace Engineering



Matt Mazur

Aviation Business Admin



Sara McCook

Aviation Business Admin

PHOTO NOT **AVAILABLE**

Dave Mills

Applied Meteorology

PHOTO AVAILABLE

Jane Moehlenbrock



Katrina

Applied Meteorology



Michelle

Aeronautics

PHOTO

NOT

AVAILABLE

Josh

Taylor

Aerospace Engineering



Dominik Niziol **Aerospace Engineering**

PHOTO

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Will

Terza

Aeronautical Science



Christopher Perez



AE/EP

Steve

Thomas

Aerospace Engineering



Molly Mae



Potter

Engineering Physics



Shawn Roser

Applied Meteorology

Matthew

Vaughn

Aeronautical Science



Ryan Rossi

Aerospace Engineering

Kristen

Veith

Aeronautical Science

РНОТО

Engineering Physics

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Aeronautical Science







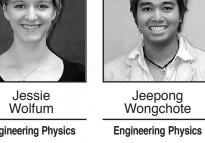




Ashley Ward **Aircraft Engineering Tech**



Wolfum **Engineering Physics**



Jeepong Wongchote

2005 King and Queen preliminary voting

Heather

Van Antwerp

Engineering Physics

Where: Flight Deck When: October 18 - October 20







No. 8 Eagles continue winning streak at home



DANIEL WHELAN HAD TWO goals and an assist against St. Xavier on Saturday during the Eagles' 4-0 win. Coupled with a 3-1 win over Northwood, the men's team has jumped into the NAIA national top ten.

Whelan, Yoffe lead team to two victories during week

Chris Tezak

Managing Editor

Embry-Riddle soccer team wrapped up their home schedule for the year with a 3-1 win over Northwood and a 4-0 shutout over St. Xavier. In the process the Eagles jumped back into the NAIA national top 10, moving to eighth, up four spots from their previous position.

Two Eagle veterans continued

their excellent play this week. No. 8 Daniel Whelan and No. 9 Joe Yoffe added to their already huge offensive numbers this season. Whelan put up two goals and an assist against Xavier, while Yoffe added a score to his team high 11 goals. Freshmen No. 18 Peter Masters and No. 3 Richard Genge showcased the future of the team by adding two goals and three assists.

Genge and Yoffe highlighted the game against Northwood. The two combined on the first and last goals of the game, assisting each other's goals. The first came after No. 10 Ian Thompson gave a hard challenge to a Northwood defender and won the ball. His touch went to Genge, who made a short pass to Yoffe who drilled it into the net. The third goal of the night came in the 57th minute with a long play in the box that started with a run by Genge. The ball was played by three other Eagles in the box and ended up back on the foot of Genge, who put it past the keeper.

In Saturday's game against St. Xavier, the Eagles showed the past, present and future of the team. Senior, No. 5, Danny Collins celebrated his final regular season home game with a score, his second of the season. scored with Collins Whelan late in the first half. Whelan went on to score his two goals in the game with assists from Thompson and Masters. Masters scored after a ball from No. 14, Craig Oldis, found his foot. A run down the middle of the field and a shot past a charging Xavier keeper gave him his

third goal of the season.
The Eagles, with their blanking of the Cougars, have a total of six shutouts on the season. The Eagles have allowed only 12 goals this season in comparison to the 41 they have scored. Even with the seemingly great play from the Eagles, head coach David Gregson believes there is still room for improvement, "l think we're still looking for that elusive perfect performance. But each game we're getting better at different aspects of our play. The important thing is that we keep winning and we keep improving. so that we're playing our best stuff in November.'

The Eagles will try to add on to their six-game winning streak on Oct. 21 in a game against NCAA division II team Nova Southeastern.

Volleyball's remarkable season continues

Jonathan Mettin

Editor-in-Chief

The Embry-Riddle volleyball team held off two challengers to remain in third place in the Florida Sun Conference (FSC), beating Webber International and Warner Southern to improve to 20-7 overall (6-2 FSC). The Eagles have had twenty win seasons only six times in school history with this season being even more remarkable since last year's squad posted a 3-30 mark.

The Eagles traveled to Babson Park, Fla. on Friday to take on Webber International, the only team to have the distinction of beating the Eagles twice this

year. The middle blocking duo of Jennifer MacRae and Ashell Curtiss teamed for 19 kills, combining with a strong outside hitting corps to defeat the Warriors 3-1 (30-26, 22-30, 30-22, 30-26). In both of the teams' meetings earlier this year, the Warriors squeaked by with 3-2 victories.

"It's nice to pick up a tough, hard-fought road victory," first-year head coach Joslynn Gallop told the ERAU Department of Sports Information, "especially against a team we had lost to twice."

Both defenses stepped up during games two and four, with ERAU hitting .029 and .026 while the Warriors posted .074 and .023. For the entire match, the Eagles hit an abnormally low .190 while holding the Warriors to .146. If the Warriors had won the game, they would have replaced Embry-Riddle in the FSC's third-place slot.

Outside hitter Janelle Marinos eclipsed the 500-kill mark for the season, posting 20 kills to lead all players. Outside hitter Jenni Nelsen

recorded ten digs and ten kills, also adding six service aces. Outside hitter Daniela Brazolino and libero Nancy Salb led the Eagle defense with 17 and 16 digs, respectively, while MacRae and Curtiss each had a block solo and two block assists. Setter Marissa Gonzales put up 46 assists, also adding ten digs.

On the Webber side, Tammy Zimmerman laid out for 20 digs with Chantelle Jordan posting 18. Jenny Womble accounted for four of Webber's blocks, with three block solos and two block assists. Saturday saw the Eagles travel

to Warner Southern in Lake Wales, Fla. to take on another conference rival. The Eagles handily defeated the Royals 3-0 (30-16, 30-23, 30-17) to pick up their twentieth win and some playoff insurance with six conference matches left in the season. The Eagles defense held Warner to a .040 percentage for the match, posting 49 digs and 17 block assists, adding 14 service aces.

The Eagles jumped out to a 10-3 lead in game one and held control

for the rest of the night. Marinos logged nine of her 18 kills in game one, hitting .692 for the game and .282 for the match. Gonzales and Nelsen each went up for four block assists. Gonzales also led the team in service aces with five, while Marinos and Salb lead the defense with 11 digs each.

The Eagles hosted St. Fancis (Ill.) Monday night, but the match ended after the production of this edition.

ERAU now sits in a fairly safe third place in the FSC with a 6-2 conference record. Webber and Warner both suffered defeats in crucial games last week and now sit with 5-5 and 4-7 conference records, respectively. The Savannah College of Art & Design still sits atop the FSC world at 10-1, while the Flagler Saints are hot on their heels at 8-1. The Eagles are still very much in the hunt, and play at Flagler tonight. Should the Eagles win and Flagler lose one of its two other conference games this week, the Eagles will be in second place behind the Bees.

McAfee leads Eagles again as Men's X-Country takes third

Press Release

ERAU Sports Info. Dept.

Senior Jack McAfee established himself as the Eagles' top runner for the fourth time this season, crossing the line in 27:45. His performance led the Embry-Riddle men to third place out of 12 teams at the Stetson Hatter Invitational at the Sperling Sports Complex on Friday.

McAfee, the reigning Florida Sun Conference Runner of the Week, placed sixth overall, less than 20 seconds ahead of teammate Chris Henry who was tenth in 28:03. Chris Clover was the Eagles' No. 3 runner, placing 14 overall in 28:11, which is his second-best time of the year.

Richard Carpenter (22, 28:51) and Jason Minor (26, 29:08) rounded out the top five for the Eagles who finished with 75 points behind meet

champions Central Florida (43 points) and Florida International (54 points). UCF's Chris Mullaney was the top individual finisher in the 8K race in 27:02. ERAU finished ahead of conference opponents Warner Southern, who was fourth with 96 points and Flagler who was ninth with 224 points.

"Overall, I thought the guys had a good strong race," head coach Mike Rosolino stated after the meet. "The course presented a lot of challenges with it being as wet and muddy and slippery as it was and that accounted for some of the slower times."

The top five Eagle runners in the 5K race finished within 76 seconds of each other as the women's team came in seventh out of 14 teams. Junior Laurel Cook led the pack with a 26 place finish in 21:32, followed by Nicole Ferraro who was 31 in 21: 38 and Beth McCubbin, who placed 42 in 22:01. Francesca Martino (22: 32) and Susie Crosbie (22:48) completed the Eagles' scoring, finishing 50 and 60, respectively. "I thought we had some strong

individual efforts on the women's side," Rosolino said. "I think we pushed pretty hard in training this week and that probably affected some of our performances. Our main focus is on regionals. That's where we want to have our best race and that's what we're working towards."

Florida Atlantic's Raynell Hagberg (18:39) captured the individual title in the women's race, which was won by Central Florida (44 points), with Florida International (55 points) and Jacksonville (85 points) placing second and third, respectively.

Both teams will be back in action Oct. 22 when they travel to Rome, Ga. to compete in the Southeastern Classic.

Mislav Hizak wins ITA tournament



SOPHOMORE MISLAV HIZAK CAME from behind in the first set of the ITA Championship match to prevail 7-5, and then he coasted to victory in the second set 6-1. He is the first tennis player in ERAU history to win the ITA championship.

"HOCKEY" from Front

for the Eagles to overcome. The penalty bench was never cold for long, with several two-minute penalties for crosschecking and a five-minute penalty for fighting against Chris Bouyea.

home for Military Appreciation Weekend.

"We're giving [the other team] an extra man for 20 minutes," said head coach Jim Lennon.

Lennon described the team's challenge as keeping discipline up and penalty minutes down.

"The game of hockey is a very disciplined sport," said Lennon. He added the team will have a greater chance to

succeed "when they decide to be mentally tough."

The Eagles face Florida Atlantic University at home Friday and Saturday. The Owls are sure to be the toughest challenge to date, but Lennon is confident the Eagles will put up a good fight.

Staff Reporter Oz Maitas contributed to this report.



EMBRY-RIDDLE'S HOCKEY TEAM defeated FSU Friday and Saturday nights. The team is back in action this weekend at

Women lose Senior Night 2-1

Press Release **ERAU Sports Info. Dept.**

The Embry-Riddle women's soccer team lost a heartbreaker Sunday, as they fell to Northwood 2-1 on Senior Night.

During a hard-fought first half, ERAU was first to find the back of the net in the 44th minute as Stephanie Steele fed a ball from the middle to Jessica Garcia who blasted a ball right past Northwood goalkeeper Alex Almaraz.

Northwood retaliated at the 50:47 mark as Diana Hue nailed a rocket off the left post that ricocheted past ERAU keeper Taylor, Stephanie knotting the score at 1-1.

In the 76th the Seahawks placed a dagger in Embry-Riddle as Hue netted her second goal of the evening, following a double assist by Kendall Hommel and Geniva Sinclair to seal the 2-1 victory.

The game marked the last home contest for seniors Amanda Daku and Deanna Beck. The Eagles will play their final regular season game next Friday against St. Thomas in a 7 p.m. contest to be played in Key West.



Inside Section B

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The Avion, October 18, 2005

Supersonic transport model flies Mach 2

Anthony Ruditser

Student Life Editor

A merged Japanese aerospace agency, Japan Aerospace eXploration Agency (JAXA), has revealed a 38-foot-long prototype aircraft that has successfully completed an eight minute flight at Mach 2, or twice the speed of sound.

The triangular shaped airplane glided from a 60,000 foot release from a rocket launched in Woomera, South Australia. Without a pilot or engine, the vessel descended in a supersonic dive before slowing to a subsonic flight for a smooth landing with a parachute.

If further developed, the Japanese "son of Concorde" could be rushing over 300 passengers across countries at velocities greater than Mach 2 without the tremendous noise and atmospheric pollution of powerful and wasteful turbine engines.

The Concorde completed its first test flight over half a century ago, but has

been discontinued two years ago. Now, Japanese ingenuity may unravel a new generation of expeditious, yet affordable intercontinental travel. JAXA reports that fares would be very competitive with present day commercial airlines.

Although still in its infancy, the pioneer technology promises to overcome and streamline the problems with the Concorde. "Trans-Pacific flights were impossible sine it couldn't travel that long a distance. It was noisy and it used a lot of fuel," commented Takaaki Akuto, a JAXA spokesman, in reference to the obsolete aircraft.

After an unfortunate crash of the first test in 2002, JAXA was denied any further government funding and lessened public support. This new aerodynamic efficiency of the design is vital for the success of the aircraft.

This venture, however, is only one of the many projects that Japan has been developing over the past years in order to compete with modern European and American technologies. Engineers have already invented theoretical engines that could power an airliner at up to Mach 5, or approximately 3,000 miles per hour at cruising altitude.

Today's flight times between Tokyo

Today's flight times between Tokyo and Paris average twelve hours on today's subsonic airplanes, but if the National Experimental Supersonic Transport (Nexst) is to enter production in the next 15 to 20 years, that time would be reduced to just under seven hours.

The Japanese remain determined to establish the new era of flight, despite the financial disasters that have followed Concorde. "We have the technology for supersonic flight now," claimed Masakazu Niwa, a Mitsubishi executive. "The question is whether it makes business sense."

American skeptics argue that although the speed of sound technology is more efficient than the Concorde, it's simply not feasible for the commercial domain. The use of such technology will most likely be applied to smaller, move viable aircrafts.



IMAGE COURTESY WWW.JAX

THE 38 FOOT MODEL was released from 60,000 feet by a carrier rocket. The model then went into a dive where it reached Mach 2 before going into a more gentle level flight before finally coming to the ground via parachute.

MS settles case for \$761 million

Case signifies final antitrust suit against MS

Brian Case

Business Manager

RealNetworks Inc. and Microsoft Corp. reached a settlement last week, ending the last antitrust lawsuit against Microsoft. The total cost of the settlement is \$761 million.

The deal starts by compensating RealNetworks for unfair practices by Microsoft in the past. Microsoft will pay \$460 million in cash to RealNewtorks to drop all antitrust suits RealNetworks is prosecuting worldwide.

In addition, Microsoft is granting RealNetworks \$301 million in cash and services to promote RealNetworks' products. The services will include advertising through MSN and Microsoft's instant-messaging service.

Under the settlement, RealNetworks will have access to Windows Media technology, and can use the long-term licenses to enhance its own product. Microsoft and RealNetworks will team up to promote RealNetworks' music subscription service Rhapsody, and RealNetworks games for Microsoft's Xbox.

The agreement will likely put both companies in a stronger position to compete against Apple Computer Inc. Apple is the market leader in portable digital music players, and its iTunes music software is a strong competitor in the PC music player market.



RealNetworks' digital music player Real Player is in direct competition with Microsoft's Windows Media Player. RealNetworks argued that Microsoft's domination in the operating system market put RealNetworks at a competitive disadvantage. RealNetworks claimed that Microsoft forced Windows users to use the Windows Media Player while placing restrictions on the installation of competing products.

The settlement means the end of the last remaining antitrust suit against Microsoft. IBM and Microsoft reached an \$850 million deal in July.Sun Microsystems and America Online reached out of court settlements in 2004 and 2003 respectively.

In press conferences after the settlement, officials for both companies were optimistic about the new arrangement. RealNetworks CEO Rob Glazer demonstrated the early results of the cooperative agreement with Microsoft. Users who search for music through MSN will be able to see results from Rhapsody and play whole songs.

"I'm very pleased to say we'll be work-

ing in partnership. Their support will make a big difference," said Microsoft Chairman Bill Gates.

China's second space flight successful

Nicole Titus

Staff Reporter

Two years after their first manned launch into space, China once again successfully put astronauts into Earth orbit. The rocket carrying two astronauts, or 'taikonauts' as they have been called, blasted off from Jiuquan Satellite Launch Center in the Gobi desert Oct. 12, Beijing time. They orbited the Earth for five days before successfully touching down Oct. 17 on grasslands in Northern China.

Northern China.

The 19-story Long March rocket carrying astronauts Fei Junlong and Nie Haisheng is China's first two-person mission. Fei and Nie performed a series of experiments to advance China's understanding of human spaceflight. The mission came almost two years to the day since China's first manned mission of Shenzhou 5 launched astronaut Yang Liwei on a 21 1/2 hour mission on October 15, 2003.

The mission by Fei and Nie, both former fighter pilots, was longer and riskier than the 2003 flight. According to Xinhua reports, as part of the "anti-disturbance" experiments, the astronauts took off their 22-pound space suits to travel back and forth in between the two halves of their vessel, a reentry capsule and an orbital module. They also repeatedly opened and closed the doors between the capsule and module to check the hatch's integrity and tested a condensation water

extraction system.

Zhang Shuting, deputy designer of China's spacecraft system, allegedly said that with the experiments concluded, Shenzhou 6 is fully capable of enduring whatever actions

its crew performs inside.

Early Friday, Shenzhou 6 briefly fired its rockets to adjust its orbit after the capsule was found to have been dragged closer to Earth by unexpected atmospheric conditions. According to the People's Daily, a

Chinese Communist Party newspaper, the "maintenance operation" lasted a few seconds, and there was no indication the crew was in any danger.

The astronauts spent Sunday preparing for their return to Earth and Chinese space officials said the exact landing site wasn't decided until a few hours before the intended touchdown. At the time of publication, Shenzhou 6 had been confirmed to have touched down and successfully completed China's second manned spaceflight.

The orbital module remained in orbit and is to continue operating for up to half a year, state television said.

than 100 times since its liftoff on Tuesday, and traveled more than two million miles, Xinhua said.

The Shenzhou or divine vessel capsule is

The Shenzhou, or divine vessel, capsule is an adapted version of Russia's Soyuz. China also bought technology for space suits, life-support systems and other equipment from Russia, although officials say all the items launched into space are made in China.

The mission is an effort by the communist government to declare its status as a growing world power and to demonstrate their technological triumphs to match its rapid economic growth. China is only the third country to launch a human into orbit.

The two astronauts said Sunday that they appreciated the support of their country, state media reported. According to Xinhua, in a space-to-ground transmission, Nie said "we're grateful for the deep love and concern by all Chinese people, the Hong Kong, Macao and Taiwan compatriots."

China has had a rocketry program since the 1950s and became just the fifth nation to place a satellite into orbit in 1970. They frequently launch satellites for foreign clients aboard its Long March rockets.

Chinese space officials say they hope to land an unmanned probe on the Moon by 2010 and want to launch a space station.

802.11n to support 600 Mbps rates

New wireless technology to use multitple input/ multiple output

Boram Yoon

Special to The Avion

The technology world is very fast-paced; the next day is an improvement from the prior. The wireless internet technology standard is in the process of improvement for a next-generation 802.11n high data rate Wi-Fi.

The development of the 802.11n was at a standstill until June, when the two major groups, TGn Sync and WeiSE, agreed to work together on a single proposal for the Institute of Electrical and Electroni

Engineers' (IEEE) November session. There are twenty-seven companies working together in the hopes of accelerating the process of this technology. The group, which calls itself the Enhanced Wireless

Consortium (EWC), includes Atheros Communications Broadcom Cisco Corp. Systems Inc., Intel Corp., Airoha, Winbond, Sony, Apple, Conextant, D-Link, Lenovo, Linksys,

D-Link, Lenovo,
Linksys, LitePoint,
Marvell, Metalink, Toshiba,
USRobotics, WildPackets and
ZyDAS, and says the proposal
will provide a blueprint for high performance WLAN products across a variety of

bands and platforms.

Currently with the use of the 802.11a and 802.11g throughputs range from of 20 Megabtyes per second (Mbps)

to 24 Mbps as a standard the 802.11n standard will significantly support speeds up to 600 Mbps. The proposals from TGn Sync and WeiSE are based on a technology called multiple-input/multipul-output (MIMO), which works by allowing two or more distinct signals to be

transmitted over the same 802.11 radio channel at the same time with no interference. This boosts throughput in wireless LANs to over 300 Mbps, with a minimum of about 100Mbps.

100Mbps.
Craig Barrett, president and CEO of Atheros, said, "The EWC is the catalyst

necessary to establish an IEEE standard that will drive adoption of high-performance WLAN devices. Early availability of interoperable products will benefit consumers and, ultimately, the entire WLAN industry."

Spitzer Space Telescope captures Andromeda Galaxy (Messier 31)

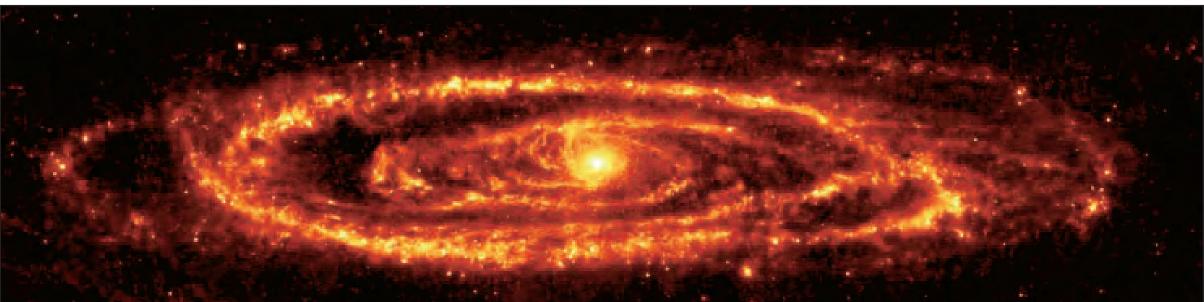


PHOTO COLIDTESY WANW NASA GO

A BRILLIANT NEW IMAGE of Milky Way's neighbor Andromeda show the spirals of stars around the core of the galaxy. The asymatries in the rings may show various interactions with smaller bodies and satellite galaxies. The image above was pieced together from over 11,000 infrared inamges put together to form the final image. Andromeda is the only galaxy that can be observed with the naked eye and is one of the most studied galaxy in the night sky. Spitzer is supervised by the NASA Jet Propulsion Labratory.

SCIENCE & TECHNOLOGY The Avion, October 18, 2005

Robot probe to explore Great Pyramid secrets

Shafts have puzzled archaeologists since 1872

Mirakel Mayoral

National News Editor

The Great Pyramid's secrets could soon be revealed when Egypt sends a robot up the narrow shafts inside the 4,500-year-old tomb.

Dr. Zahi Hawass, the Secretary General of the Supreme Council of Antiquities and Egypt's top archaeologist said he would inspect a robot designed to climb two narrow shafts in the pyramid, which might lead to an undiscovered burial chamber inside the Great Pyramid at Giza on the outskirts of Cairo.

According to Dr. Hawass, the shafts and stone panels that block them could mark the location of Khufu's burial chamber. It would also mean that none of the chambers already discovered inside the pyramid were the pharaoh's actual tomb. The last time the shafts were probed was in September of 2002.

The new robot destined to explore the Great Pyramid is the culmination of a two-year long project run by a university in Singapore. It will drill through the panel and the stone slab blocking the second shaft.

"It's very important to reveal the mystery of the pyramid. Science in archeology is very important. People all over the world are waiting to solve this mystery," Hawass said to Reuters.

Hawass also said, "I believe that these doors are hiding something ... it could be, and this is a theory, that maybe Khufu's chamber is still hidden in the pyramid.'

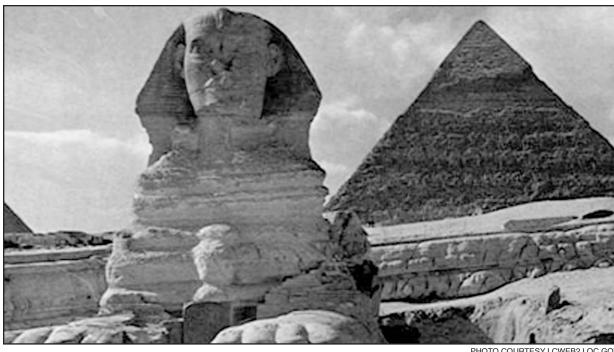
The two shafts rise from an unfinished chamber inside the pyramid, and have puzzled archeologists since their discovery in 1872. Many Egyptologists have said that the shafts were actually built as air vents,

while others believe that they were passages for the king's soul to ascend to the afterlife. Hawass, however, believes there could be something more to the shafts. "I hope that we will do this work and in a few months from now we will really know what's behind [the doors]," he said.

The Great Pyramid commissioned by the Pharaoh Khufu (or Cheops in Greek), who was the second pharaoh of the fourth dynasty during the period in Egypt known as the Old Kingdom. The pyramid that is his burial place is the highest of those on the Giza plateau, which lies toward the west of Cairo. It measures 480 feet in height and 756 feet square in the overhead view. Its base covers roughly 13 acres.

The two other pyramids in the world famous trio are Khafre, which is 471 feet high, and 704 feet square in the overhead view, and that of Menkaure, which is 216 feet high, and 345.5 feet square in the overhead view.

The pyramids at Giza are the only remaining of the seven original



THE GREAT PYRAMID IS believed to have been built over a period of 20 years around 2560 BC to serve as a tomb for the Pharoah Khufu when he died. With more than 40 centuries separating the Egyptian fourth dynasty from modern times, many mysteries remain that are now being explored with technology.

Worst drought in years ravages Amazon region

Charlene Valerio

Staff Reporter

Amazon experiencing its worst drought in more than 40 years. The drought is causing a variety of problems such as the drying up of rivers, wildfires, contaminated water,

and loss of food. Though illegal, farmers in Amazon traditionally use controlled fires to create land

for their pastures. A man identified only as Calixto said, "It's illegal to burn but everyone around here does it. I do it to get rid of insects and cobras and to create fresh grass for my cows.

In the past, the frequent rain would help put out the blazes before the fires run out of control. However,

the forest is now suffering from fires that have burned gone out of control due to insufficient amounts of rainfall. In July 2005, rainfall was 65 percent less than the average of that month, and in June and August it was two-thirds of the average. So far, 250 thousand acres of forest have been burned. The Amazon has been so badly scorched that airports have been occasionally shut down because of lack of visibility through the smoke.

The drought is also causing problems in Amazon River communities whose rivers have dried up. Cars are driven where boats were run, and boats remain stranded on the cracked ground. One such example is the Rio Solimoes, a river that is an hour away from where it joins the Amazon River. The Rio Solimoes is so dry that now it is nothing but dunes, where winds pick up heavy sandstorms.

The dried rivers are also creating the problem of accessing food and other consumable goods. Numerous amounts of fish died, and there is concern that when water levels begin to rise in the rivers, the fish population will be dramatically low.

With some rivers gone, the transportation network is devastated; people are forced to walk miles to buy necessities such as medicines. Schools have also been shut down due to the lack of food and transportation.

The small amount of water left of the rivers is contaminated, bringing concerns about the possible outbreak of yellow fever and malaria. Already, diarrhea is rising in the region, which can lead to fatal dehydration. Wells are being dug in Manaquiri in hopes of finding and storing clean water. The situation in the Amazon

region prompted the Amazonas state Governor Eduardo Braga to ask for military help from the president. Braga hopes the military will aid in helping to distribute supplies and necessities to the river communities.

Scientists are pointing to two possible causes that could explain why the Amazon is experiencing such a drought. One possibility may be global warming, which is also believed to cause the increase in hurricanes. The second possibility is that, according to Brazilian meteorologists, that sunspots and the Pacific Ocean's water temperatures may be affecting the weather in the Amazon region. Regardless of the cause of the widespread droughts, many have been adversely affected,



COVERING OVER A BILLION acres in Brazil, Venezuela, Colombia and the Eastern Andean region of Ecuador and Peru, the Amazonian rainforest is home to countless varieties of plants and animals.

Video iPods grow on Apple trees Police shut down

After months of speculation Apple releases newest player

Brian Case

Business Manager

Apple Computer Inc. released a new iPod last week featuring video playback. The news accompanied the release of iTunes 6, which supports new video offerings in the iTunes Music Store.

quiets months of speculation that such a device was in the

making. The move is seen as a natural progression from music to music videos and other video content. Steve Jobs, CEO of Apple, showcased the device at an unveiling in California. The iPod will come in a 30GB model priced at \$299 and a 60 GB model for \$399. In addition to Apple's signature off-white, the

devices will also be available in black. Jobs previously denied the development of a video iPod,

questioning the demand and reaf-The release of a video iPod firming Apple's focus on music. iTunes 6 launched with over

2,000 music videos available for \$1.99. In addition to music videos, iTunes is selling six animated short films by Pixar, and television shows from ABC and The Disney Channel. Episodes of "Desperate Housewives" and "Lost" will also sell for \$1.99. The television shows will be made available the day after they first air.

Podcasting, first introduced with iTunes 5, took a step forward last week thanks to a new service

provided by Yahoo Inc. A podcast is the audio equivalent of a blog. Anyone with a microphone can make a podcast and make it available to iTunes users around the world. Yahoo's new service, available at podcasts.yahoo.com, adds search capability specifically for podcasts. The service is currently in beta testing.

Despite strong sales, Apple has been a disappointment to many on Wall Street Sales of the iPod Nano were limited by production capacity, and many of the early buyers are reporting defective screens. Apple stated it will replace screens at no cost. It is estimated Apple controls 75 percent of the handheld digital music market.

zombie network

Chris Tezak

Managing Editor

Dutch police shut a network of nearly 100,000 zombie computers down last week. The botnet was among the largest captured anywhere, and was supposedly used to steal Paypal and eBay accounts, as well as an attempt at extortion.

The zombie computers were brought together using the Toxbot and Codbot Trojan viruses. Three men ages 19, 22 and 27 were the ringleaders of the high tech racket and were using the account and money attained to buy various amenities, including cars. They also were supposedly selling viruses to others who would pay them for the code with which they would create their own zombie

computer networks. Senior technology consultant for U.K. based Sophos, Graham Cluley, believes the network was established

over a long period of time. "Each time the Trojan was stopped by anti-virus defenses, they made a new version," said Cluley. "This was not just a oneoff. The sheer number of variants shows this wasn't a crime they committed just once.'

Besides stealing accounts and selling their code, the three hackers also used their zombie machine army to try and extort money from an unidentified American company. The trio threatened a distributed denial of service (Ddos) attack against the company's website unless they pay. In a Ddos attack,

zombie computers are instructed to repeatedly access a particular webpage in rapid succession. The number of requests for the page will either consume the bandwidth of the site and bring it down, or consume the resources of the host server, also bringing down the website.

The botnet was brought down by a combination of the Dutch National High Tech Crime Center, the Netherlands' Computer Emergency Response Team, and many Internet service providers including XS4ALL, based out of Amsterdam. The three were tried in Breda, which is 25 miles south of Rotterdam.

Cluley expressed his opinion on what the arrest meant in the global scheme of things. "There have been many more arrests in 2005 and 2004 than in years prior," he said. "More and more countries are clued in about computer crime, especially as it's become clear that there's so much money to be made. If nothing else, the continued arrests have proven that hacking is a more dangerous pursuit than it once was." He continued, "But there are still a

lot escaping justice.' Botnets and zombie PC armies are growing in popularity due to their monetary value. For advertisers, spy-ware and ad-ware are valuable money making tools. With hundreds of thousands of infected computers. an advertiser would do anything to get the fan base. The importance of a good password, good firewall and good antivirus software are becoming ever more apparent, as professional hackers sell zombie machines off to the highest bidder in a technological slave trade.

Study examines baby food wisdom

Six-month old babies can eat same food as parents

Michael McGraw

Staff Reporter

Some say the reason adults have a sweet tooth is because their parents introduced fruits before vegetables to them when they were just a baby. Others say a baby should not be fed peanut butter before his or her first

birthday to avoid causing any allergic reactions. Science, however, is finding these beliefs, among others, may simply be evidence many parents have lost touch with the real needs and eating abilities of their child.

While it is true that a child's first experiences with food will shape eating habits later in life, the regimented process by which many babies have been introduced to

various foods as they grow is not necessarily the best one. Doctors say parents have taken the feeding guidelines found in many baby books and interpreted them as strict

rules. For example, rice cereal has long been considered the best first food by parents and some pediatricians. Many parents are then told to progress to simple vegetables, fruits, then pastas, and finally, meat. Ethnic foods and foods flavored with various spices are often ignored or avoided by guidelines. But studies are beginning to show

a six-month-old baby can eat many of the same foods as his or her parents. Experts caution parents to be careful with any foods that have caused allergies within the family's history, introduce one food at a time to see how the child reacts to it, and make sure the food is not a choking hazard. The structured approach is

often taken by American parents. Elsewhere in the world, from Elsewhere in

Latin America to Africa to India, parents take a more "freewheeling approach." It these cultural differences lead parents in other countries to introduce heartier and more flavorful food, from meats in Africa to artichokes and tomatoes in France. In Japan, babies are often introduced to fish and radishes early on.

That introduc-

tion of solid and heartier foods to healthy children is not something that has seen much attention in the way of scientific studies; the federal government has also done little research on this.

However, the research coming from some medical schools is beginning to show that the regimented process of introducing foods has little basis in science. Some studies are even suggesting rice and highly processed grain cereals may be the worst food for infants. These foods often contain high levels of sugar, which is digested rapidly in the body, leading to high insulin and blood sugar levels. These could be the factors that lead to obesity and other problems later in life.

Another problem is the lack of variety in the foods American parents feed their children. Exposing infants and young children to different foods could allow them to more easily adapt to different foods

as they grow and could lead to a healthier diet later in life.

Spices can also be good for a child. Evidence shows that whatever the mother eats when pregnant and breast-feeding, the child will also develop a taste for. One mother ate mild foods while pregnant with her first child. During her second pregnancy, however, she indulged on spicy foods. The older child, now three, has a mild palate. The younger child, now 21 months old, snacks on jalapeños and likes hot salsa.

Doctors are viewing the new research as a chance for parents to encourage their children to eat healthier foods, as well as a chance to introduce them to their culture and heritage.

Mt. Everest suffers from shrinkage

Controversy abounds regarding official height

Andy Kwok

Staff Reporter

Mt. Everest, the tallest mountain on Earth, might have shrunk by as much as 12 feet according to the most recent Chinese study.

The survey suggested the mountain is 29,017 feet above sea level; the previous survey, conducted in 1975, measured a height of 29,029 feet.

'It is most elaborate and precise data ever obtained by Chinese or foreign scientists," Chen Bangzhu, a spokesman from the Chinese State Bureau of Surveying

and Mapping, said.
A team of 50 Chinese scientists surveyed the mountain in May with the assistance of global positioning system satellite, but their findings were not published until last week.

Although some speculated that the shrinkage might be due to a rapid melting of ice caused by global warming. This was said to be false, and Chinese officials claim that the previous

measurement was inaccurate.

"The new figure has to be endorsed by Nepal's Department of Survey before we recognize it as the true height of Mt. Everest," Bhumi Lama, the secretary Mountaineering of the Nepal Association, said.

The Nepal Mountaineering Association is a private organization that the Nepal government has given permission to promote the regional mountain tourism.

"Even when others found Mt. Everest to be growing, we stuck to 29,029 feet and now, when people say it is shrinking, we say the

same," Lama said. Nevertheless, the European and

most recent survey of Mt. Everest was done by the Americans in 1999, using the same technology used by the Chinese in this current expedition.

Even through Mt. Everest serves as a national symbol for Nepal, the Chinese did not contact the Nepalis before they publicized the discovery.

"For the sake of good relations, any new height of Mt Everest should be discussed between Nepal, China and

India," Lama suggested.
Mt. Everest, known as the Sagarmatha in Napel and Qomolangma in Tibet, attracts

many visitors annually. This gener-American surveyors will leave the ates revenue for the local Chinese official height at 29,029 feet. The and Nepalis people.

AERONAUTICA

Airbus announces new member of the family

Oz Maitas

Staff Reporter

Airbus Industrie is making its mission of providing aircraft that are best suited to market needs a reality with the launch of their latest aircraft, the Airbus A350. The new aircraft's mission is to serve as a worthy rival for the upcoming Boeing 787 Dreamliner.

Franco-German's European Aeronautic Defense and Space Company (EADS) and Britain's British Aerospace Enterprises, (BAE) which own 80 percent and 20 percent of Airbus, respectively, gave the go-ahead to build this new mid-size, long-haul

This decision was made with an agreement by EADS to reject its usual state aid in order to calm the subsidies role between the United States and the European Union at least until the year 2006.

Airbus' Chief Executive Officer Gustav Humbert stated, "We have analyzed the market and listened to our customers, who wanted a medium-size aircraft such as the

A330 but with greater range." He added, "The A350 is bigger, flies farther and has lower operating costs than its direct competitor. It really complements our long range family, enabling us to offer the best choice and the most adapted prod-uct to our operators." He confirmed Airbus' ability to manage this new program, as well as ongoing projects such as the A380 and A400M (military airlifter).

The all new A350 family includes two members, the A350-800 and 900 series. Each aircraft will be able to carry up to 253 and 300 passengers, respectively, in a three-class configuration. The 800 series will have an estimated range of 8,800nm (16,300km), the 900 series expec ted range is 7,500nm (13,900km).

Airbus is planning the first flight to be in the second half of 2009 and the first delivery in 2010. Evidently, the A350 will be a full member of the Airbus fly-by-wire family providing lower maintenance costs and superior fuel efficiency.

Airframe - The aircraft features

39 percent will be composites, and 21 percent aluminum-lithium. The wings' composite material structure will bring a weight savings about 10,000 pounds and a considerable reduction in maintenance costs. This is because composite materials tend to suffer less corrosion and

fatigue. Airbus Chief Operating Officer John Leahy stated that with all these new materials the A350-800 will weigh 8 metric tons less than an A330-200.

Engines - The aircraft will be offered with system General Electric's GEnx engines (with



90 percent new parts and advanced AIRBUS CEO GUSTAV HUMBERT announced the release of the materials content is at 60 percent-- new Airbus 350 model in an Oct. 6 press conference. The A350 is higher if titanium is counted. About expected to be a worthy rival to the Boeing 787 Dreamliner.

four thrust ratings between 63,000-75,000 pound) the same type of engines that the B787 will have. It will also be available with the upcoming Rolls-Royce Trent 1700 which will be ready for delivery in the second half of 2011. The Trent 1700 will feature a larger fan able to extr act bleed air from the engine. The A350 will offer the aircraft

change engine types. Aerodynamics - New winglets will be offered on this model.

owner the ability to quickly

The A350 also comes with a reprofiled upper wing surface for better aerodynamics and a belly fairing to allow speed flexibility such as optimum performance at high speed and better low speed flight characteristics.

High speed drag has been reduced by 2.5 percent offering a targeted cruise speed of Mach 0.82, although operators could reach Mach 0.84 with higher fuel burn.

The A350 is being designed to have 20 percent higher relative humidity and a maximum pressurized cabin pressure of 6,000 ft. allowing for comfort. Its dimen-

sions will be Airbus traditional 222 inches wide fuselage. However, the interior will be designed in a manner that would offer and extra 3 in. in contrast to the A330 and A340 models.

Pilots type rated in the A330 will be capable of flying the A350. This is because it will be the same type rating. However, the A350 will come with similar instrumentation in its flight deck as the A380. Some examples are the Head Ups Display, Electronic Flight Bag, and the Onboard Airport Navigation System.

The A350 is being promoted as a member of the A330 and A340 family. However, it seems clear this new addition to the Airbus legacy is going to dominate both of its "brothers" markets.

Humbert defends this by saying that in the long-haul sector Airbus is offering the A380 for hub-to-hub operation, the A340 for ultra long range, and the A330 and A350 for medium to very long ranges.

Airbus is expects to have at least 200 orders by the end of the year and hopes to reach the 273 proposed orders for the B787.

Faculty member describes AMS degree program

Randy Griffith

Special to *The Avion*

The word "avionics" is a contraction of aviation-electronics and is the term used to describe electronic instrumentation and control equipment used in airplanes and space vehicles. The term came into use during World War II and first appeared in Webster's Dictionary in 1954. Originally, it defined a military fire control system aboard naval aircraft. Even into the 1970's, many defense contractors used the word only in a military context. Any civil use of airborne electronics was generally termed "aircraft radio".

Instruments, displays, sensors, actuators and other devices had a major changeover to integrated circuits and microprocessors beginning in the late 1970's. As this occured, scores of companies with no military affiliation began to adopt the term "avionics".

The term "avionics" can be generally applied to three major classes

interconnected airborne equipment, often called "CNI" for Communications, Navigation Interrogation. Under the heading "Communications" fall two-way systems used aboard aircraft, such as HF, VHF, satcom and datalink radio. "Navigation"

computers, receivers, autopilots, knowledge in aeronautics, microflight management, map databases and other devices for creating and following a desired track. "Interrogation" refers to the monitoring and tracking of aircraft, usually through the ground radars of have the requisite technical knowl-

ing airborne transponders. Often, the term "surveillance" is used in place of "interrogation".

These complex systems have to work in "real maintaining Successful the highest standards of graduates have safety and the requisite reliability in a high stress technical knowledge

The study of modern avionic systems requires refers to the sensors, actuators, a wide range of interdisciplinary

environment.

processors and electronics. The Aviation Maintenance

- RANDY GRIFFITH

Science degree with an Aerospace Electronics area of concentration is designed so successful graduates air traffic management interrogat- edge and experience to effectively

compete in the job market, while gaining skills in both the mechanical and electrical systems which are indispensable to all modern aircraft. The use of the word "aerospace' broadens the scope of the program to include both

and space electronics. Students initially gain a sound understanding of electronic and digital fundamentals; more advanced courses in circuit theory and operation develop the skills required for the maintenance of modern aerospace systems. In addition, the degree provides the opportunity for students to work in an FAA approved Avionics Repair Station.

The employment outlook in aerospace electronics through 2010 is expected to be above average in comparison to other occupations.

The Aerospace Electronics minor may enhance the career potential of those enrolled in other degree programs.

you want a career in the aerospace industry (or other transport interesting and will gain a rare sectors), then you may con-

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THE AVIATION MAINTENANCE SCIENCE degree provides a sound understanding of electronic and digital fundamentals. These complex systems have to work in "real time" while maintaining the highest standards of safety and reliability in a high stress environment.

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SPACE TECHNOLOGY

Titan set to rocket into history on final flight

Space Technology Editor

For the last time in history, a rocket with the name Titan attached to it will zoom away from Earth, capping a legacy stretching back half a century. A Titan IV-B is scheduled to loft a spy satellite into orbit for the National Reconnaissance Office Oct. 19 from Vandenberg Air Force Base, Calif.

The launch will mark the last flight of a program that started in the 1950s as one to deploy Intercontinental Ballistic Missiles, or ICBMs, at super long range.

In the early 1960s, NASA selected the Titan rocket to develop into an orbital vehicle that could be used to launch humans and other spacecraft. There was born the Titan II, which on April 8, 1964 became the first Titan to achieve orbit as it launched the unmanned Gemini 1 capsule.

The Gemini program saw ten manned flights test and prove hardware and human endurance in became the first advance of the Apollo program that would see man land on the moon.

While that was the end of Titan's history in manned spaceflight, the Air Force, for a time, was planning to modify the Titan II and III vehicles for their Manned Orbiting Laboratory (MOL) program, which would incorporate the human element in spying on enemies, particularly the Soviet Union, during the Cold War.

However, it was soon realized humans were not a necessity for military intelligence in space, and that unmanned spy satellites could do the job just as well.

The MOL program was cancelled after just one test flight.

Titan's legacy comes mostly from its accomplishment of lofting some of the most famous space probes sent outbound from Earth.

In 1975 Titan IIIs were responsible for sending NASAs Viking probes to the Red Planet, which in July and August of 1976 so successfully land on Mars.

A year later, Titan IIIs sent both Voyager spacecraft into the outer solar system, becoming the first probes to explore Uranus and Neptune and which

today are still going strong.

Today, Voyager 1 is the farthest man made object from Earth, and will continue to transmit data for at least twenty years with its nuclear power source as it crosses the boundary and passes out of the solar system.

More recently, a Titan IV sent Cassini to its current orbit around Saturn, and throughout the last 25 years Titans have been responsible mainly for launching dozens of military reconnaissance satellites, including one this past April when the final Titan rocket to ever launch from Cape Canaveral blasted off.

The launch Oct. 19 is scheduled during a launch period that runs



TITANS THROUGHOUT HISTORY LAUNCHED NASA's manned Gemini flights (left), the Viking spacecraft to Mars (middle) and dozens of military intelligence satellites such as the one launched aboard the final Titan from Cape Canaveral this past April (right). The last Titan launches this week from California.

Exp. 11 returns, Krikalev's NASA sponsors Centennial endurance record in hand

Curtis Ewbank

Copy Editor

At 9:09 p.m. EDT Oct. 11, Expedition 11 crewmembers Sergei Krikalev and John Phillips returned to Earth in Soyuz TMA-6 after a six month stay aboard the International Space Station (ISS).

During their stay on the ISS, Krikalev and Philips performed one extra-vehicular activity, or spacewalk, to replace external experiments on the Station and add an external camera. also welcomed the Space Shuttle Discovery to the Station this past July, on the first Shuttle flight in nearly three years.

STS-114 delivered Multi-Purpose Logistics Module Raffaello to the

Station, bringing needed supplies and taking unneeded items off the Station. Station Commander Krikalev also set a new lifetone space endurance record with a total of 803 days in space. Krikalev has made six Soyuz flights and two flights on the ISS. The Soyuz TMA-6 undocked from the International Space Station at 5:46 p.m. EDT. In order to conserve battery power for descent, the undocking was controlled manually by Krikalev.

The Soyuz landed 53 miles northeast of the Russian town of Arkalyk. In addition to the two Expedition 11 crewmembers, the Soyuz carried spaceflight participant Gregory Olsen. Olsen flew to the ISS with Expedition 12 and spent about 8 days performing experiments on the ISS. He is the

third person to fly to the International Space Station by purchasing the extra seat on a Soyuz.

Space Adventures tourism firm, the agency responsible for Olsen's flight as well as first two space-tourists Dennis Tito and Mark Shuttleworth, hopes to send a Japanese or American businessman on one of the next Soyuz flights to the ISS as well.

Krikalev and Phillips were glad to return to Earth. Phillips said of his time on the ISS, "It's kind of a sterile environmet ... I want to experience weather, the smell of trees, even the sound of cars going by, something that's more like the real world that I live in at home." They feel confident they left the Station having done good work, especially for the preparation of future crews.

Challenge with X-Prize Fdn.

Brandon Boekelman

Copy Editor

In an effort to draw upon the success of the X-Prize, NASA has created several incentive-based competitions to generate ideas for suborbital spaceflight with its Centennial Challenges contests. Centennial Challenges contests will establish cash prizes to stimulate new innovations in science. NASA will partner with various organizations for these contests.

NASA announced this past week they are going to partner with the X-Prize Foundation on contests that could have multi-million dollar prizes. The program manager of NASA's Centennial Challenges, Brant Sponberg, said "NASA [is] ready to undertake two new prize competitions in the arena of suborbital rocket flights."

One of the contests encourages the development of a reusable suborbital rocket with the capability to carry payloads to high altitudes. Another is for a suborbital rocket that could eventually be adapted for future lunar landers. "If you can take off and land vertically, and if you reach a certain velocity during flight, you are demonstrating the basic capabilities and rocket energies necessary to land and launch from the moon," Šponberg explained.

The rules of this contest have yet to be determined, but there is a vague idea of the requirements. Sponberg believes that the researchrocket contest will probably have an altitude requirement of 300 to 1000 kilometers and have to be able to carry a large range of payload weights. The rewards for completed challenges are also sketchy. As with most of NASA's Centennial Challenges, NASA will put up the prize money and the partner in the contest will fund the contest's operations. Sponberg hopes that the prizes will be larger than one million dollars, but this depends on congressional approval.

NASA's budget is still being worked on, so exact funding numbers will probably come out next year.

Companies have already shown interest in these challenges. Armadillo Aerospace is already in development of a vertical takeoff and landing rocket that is able to carry people into space. Mastern Space Systems is also working on a vertical launch system, and is also interested in more challenges.



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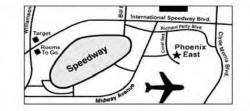
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7.5

Gameplay

8.5

Audio

6.5

Controls

Concept

9.5

Average

"Trauma Center: Under the Knife" gets reviewed

Tommy Chen

Staff Reporter

You are Dr. Derek Stiles, who've just finished his residency at Hope Hospital and is now a full time surgeon for them. Coincidentally all hell breaks loose soon afterwards and you'll be operating on patients left to right with real life or fictional problems. A game about medical surgery, how can that be in any way or form fun? Well for the skeptics out there, they're in for

quite a surprise. As earlier mentioned the game is about medical surgery and this is accomplished through the use of the DS' touch screen. And the stylus is used to manipulate the 10 available medical tools during each operation. The sensitivity of the stylus is spot on and there shouldn't be any problems hitting your mark when playing the game. Some of these consist of common tools like the

scalpel, needle and syringe. Also after some progression the "Healing Touch" ability becomes accessible; it slows down time for about 20

For the gameplay the player has to remove the problem within the specified time limit (usually 3-5 minutes) or before the patients' vitals reaches zero and dies. You have an assistant for each operation, so it's not a problem about not knowing what to do next. Though doing what they advise you to do is a different story. Each operation is fast paced and very frantic, since mistakes lowers the patients' vitals and stabilizing them eats up time. Precision is also key, for example if you use the laser to burn off a small tumor for too long it'll burn a hole in the patient or making an incision too long the patient will start bleeding to death.

For graphics it's pretty simple on the gameplay screen since organs are all pink, peach and red mainly. On the other hand the top screen is used to display your time remaining and the dialogue between characters during story segments and those pictures are very crisp and vibrant.

The main issue with the game could be that the operations play very similar to each other. The length of the game is pretty short, because the story mode can be finished in it a chance, you won't regret it.

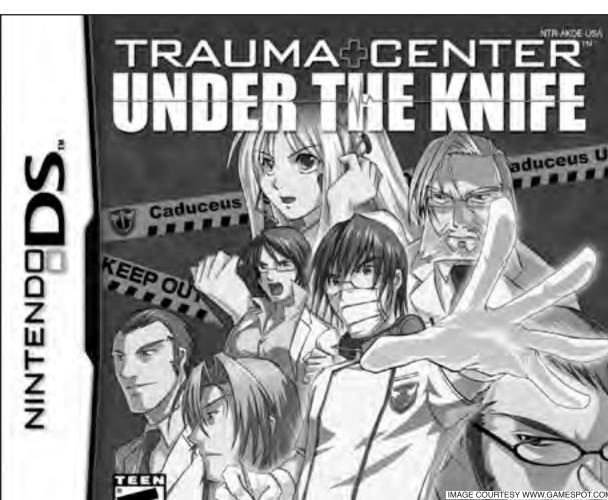
about 8 hours but as you finish operations they become available in challenge mode; so the player can try to get a better rank. And for

the more devoted player who plays for long sessions, cramping hand will rear its ugly head in

Audio Trauma Center is a mixed bag, the background themes fit the mood of the game but it does get annoying after a while. The use of voices is thrown in at random points in the game of characters just saying one or two words.

Overall, game is a breath of fresh air after a long dry spell for fun games and something unique in a time where

innovative gameplay is rare. Sure, some will say it's just a beefed up version of Operation but the game is in a field of its own. The game will most likely be overlooked by more general gamers but if you see it give



one of the words are right "Conflict: Global Terror,"

Tim Smith

Guest Reporter

You and your team are dropped into the forests of Colombia on a intelligence gathering mission. As soon as you hit the ground you're blinded by headlights with an AK-47 pointed at your head and the sound of gun fire all around. You've been taken prisoner. Your team has been betrayed.

"Conflict: Global Terror' enters the story after your first character has been taken to

Graphics

Gameplay

7

Audio

6

Controls

6

Concept

Average

6.6

an interrogation room and roughed up. In typical bad guy style, only one guard is posted to watch you and you quickly dispatch him. As cheesy as it sounds, the game's best aspect is its story. The game tries

to be cinematic in its cut scenes, which are about to par with the rest of the game. Don't expect mind blowing "Halo 2" quality, but they hold their own. The mouths are done relatively well, but don't try to match the words with the

mouths, the cut scene graphics are about average as compared to most games on the XBox platform and the cut scene's themselves flow to try to have a movie pace to them. Graphics in the game aren't bad either thanks to an improved engine. There are special details you will notice here and there (such as muzzle flashes and tracers), but bad lightning choices and uninspiring textures ensure anything movie related

mouth movements. Aside from the



stays in the cut scenes.

The sound category is also another area that has its own set of hills and valleys. Overall the audio gets the job done to let you know when you're firing or being fired upon, but for the most part it's lackluster. "Conflict" is very two-faced in terms of sound. The gun fire sounds cheap like the guns are made out of plastic. the wounded sound. The "I've been

The vehicle sounds however, were relatively well done. Tanks actually sound like old rusty things slowly approaching you, crawling over a crater scathed land. This would not generally result in the game having below quality sound except the cheap gun fire sound is heard more often. Another mentionable point is shot" sound doesn't seem forced. It's not drawn out as to annoy, but doesn't sound fake and hurried as to make you laugh.

There have also been some detailed enhancements in sounds like ear ringing and decreased volume when too near flash bang grenades. These however, like the special details in the graphics, are also offset by low quality sounds, such as gun fire.

Controls in the game are easy to pick up when you're a one man team (in training). It's a simple third person view, reminiscent of "Splinter Cell" but with less features. Click a button to go into "aim mode", click another one to perform an action, another one to change position, etc. The third person camera is very quick to learn, and despite only having three set controller layouts (with an option to invert the y-axis), the basic controls are user friendly.

The transition into using the controls is made easier by training missions. The player can go through basic (learning how to move around the world), and advanced (combat, team tactics) training. A lot of weapon controls are done through the weapons menu, which I found surprisingly easy. Where this game does lose points however, are the team based tactic controls.

When in a two man group (training), the controls aren't that complex, so the team can be advanced strategically with relative ease. The problem arises when you have four people to control. With a four man team, issuing orders can become complicated and time consuming, taking the user out of the story and the game. While it is possible to advance everyone through a level with safety as the highest concern, it begins to really take away the fun aspect of the game, which is the reason to play it in the first place.

In addition to issues with controlling your team, the AI programming is rather bad. You have to tell everyone what to do (taking more time than it would if the game only had control issues) or they walk around oblivious to most of the world around them. Your team is only partially helpless though. If someone is shooting at them, they will return fire and with reasonable accuracy.

Where the AI fails is when looking at the world around them. When trying to fight your away out of a base, it is generally not advisable to stare at a corner in a room or ponder the meaning of life with a live grenade lying at your feet. The enemy AI awareness is a little better than your team's AI, but if they meet on a hallway your team will have the upper hand the majority of the time.

Your team does have the intelligence to execute an ambush if you plan it out, but again, the time it takes to do so has you out of the game and out of the excitement.

2K "Games' Conflict: Global Terror" is not a bad game in itself. If you like squad based games or enjoy planning missions but want to pop a few terrorists yourself, this game is definitely worth a look. If you like first person shooters this also wouldn't be a bad rent, but don't get your hopes up for game of the year. If you aren't in to any of the above genres I wouldn't recommend it, but if you're just looking for something to play in your free time over the weekend, it's worth a peek.

Calif. violent game bill passed

Charlene Valerio

Staff Reporter

On October 7, 2005, California Governor Arnold Schwarzenegger passed measure AB1179 which prevents the sale of violent, M-rated video games to children. The bill be effective on January 1, 2006, despite protests by opponents.

The bill was proposed by California assemblyman Leland Yee (D-San Francisco) who has pushed for several similar bills before, all of which had been defeated or watered down. One particular game that Yee lashed out was Rockstar Games' Grand Theft Auto: San Andreas. San Andreas was discovered to have sex minigames hidden in the game that could be unlocked with game cheats or by a third-party mod.

The Electronic Software Rating Board (ERSB) rated San Andreas as "M" for Mature, though many believe that the game should have been strictly released only to adults, not children. Yee stated, "Plain and simple, parents can-not trust the ESRB to rate games appropriately or the industry to look out for our children's best interests.

Also, according to the Federal Trade Commission, approximately 70% children ages 13-16 were able to purchase M-rated games, which were aimed for adults. Some place a link between the access to violent video games to aggressive behavior. Jim Steyer, founder of Common Sense Media, says "Studies prove that playing these violent video games are bad for kids' mental and physical health ... the health threat is ... similar to the effect of smoking cigarettes."
Last year, Yee's bill AB450 was

signed by Schwarzenegger, however it was severely watered down. However, when the Grand Theft Auto: San Andreas Hot Coffee scandal had the public's attention, AB450 in turn got the legislature's attention, leading to what eventu-

ally became AB1179.
AB1179 was passed by the California Senate 22-9, and then passed by the Assembly 65-7. Schwarzenegger signed the bill, commenting "Today I signed legislation to ensure parent involvement in determining which video games are appropriate for their children

. Many of these games are made for adults and choosing games that are appropriate for kids should be a decision made by their parents.'

The bill requires anyone who plans to purchase an M- or A-rated games to provide a valid photo ID, ensuring that the buyer is at least 18 years of age. Also, additional warning labels are to be placed on violent games. The label will be a solid sticker that says "18", and will have dimensions of at least 2 inches by 2 inches on the front of a games' package. Retailers who fail to check ID or attach warning labels will be fined \$1000 per infraction.

The only other US state that bans selling violent video games to minors is in Illinois. Other states have attempted to pass laws similar to this before, however their attempts failed since they were declared unconstitutional.

The IEMA and Entertainment Software Association (ESA), a game-industry lobby of the Electronic Entertainment Expo that created the ESRB, are fighting against the bill and this kind of state legislation. They disagree with the reports claimed psychiatrics that links violence in kids with violence in video games, as well as claiming that the bills passed in California and Illinois is unconstitutional.

Doug Lowenstein of the ESA comments, "It will limit First Amendment rights ... for residents, game developers and publishers, and for retailers who won't know what games can and cannot be sold or rented under this vague new statute." The Video Software Dealers Association (VSDA) will also be joining in the battle against the bill, for the same reasons IEMA and ESA are.

Despite the opponents against

AB1179, the bill has a vast amount of support from Californians, California Psychiatric Association, California Psychological Association, California PTA, California Alliance Against Domestic Violence, California Academiy Pediatricians, of Girl Scouts, NCO, and the Commission on the Status of Women. Some people believe that this issue may be fought on the national level in the near future, with US Senator Hillary Clinton pushing for a similar legislation at the federal level.

Xbox 360 info at X05 in Amsterdam

Pre-installed software, Perfect Dark, and PGR 3

Tommy Chen

Staff Reporter

Earlier this month Microsoft hosted X05 in Amsterdam, which was setup to be an early pre-launch party for the Xbox360. Playable demos of games in the final stages of development and additional gameplay footage were on display at X05. Numerous announcements were also made about the launch of the Xbox360 during this event.

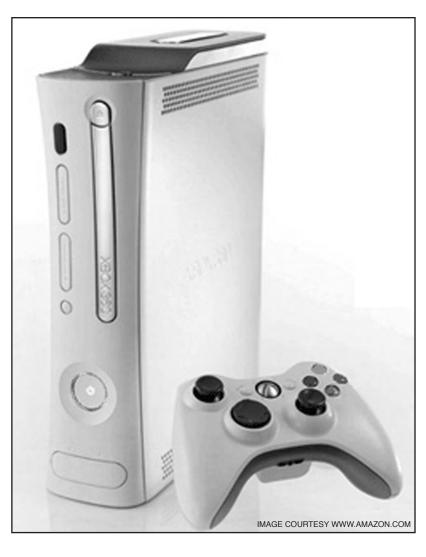
Starting off with the announcements, the hard drive that will be available for the system will have pre-installed software in it. The software includes a "Making of the Xbox360" video, a tutorial on how to use the features of the system and a backward compatibility program to run "Halo 2." The software will be the same whether it came with the system or acquired separately.

The list of launch titles weren't finalized at the time of X05, but Microsoft has announced three of its first party developed titles to be

available at launch time on Nov. 22. These titles are "Perfect Dark Zero," "Project Gotham Racing 3" and "Kameo: Elements of Power." "Project Gotham Racing 3" Though during the time since X05: Dead or Alive 4, Need For Speed Most Wanted, Call of Duty 2, King Kong, "Madden NFL 06" and "Elders Scrolls IV: Oblivion" has been stated to be available for the Xbox360's release day if certified in time.

As for newly revealed games, Superman has been announced to coincide with the new Superman Returns movie. Microsoft released information about "Saint's Row". which looks very similar to "Grand Theft Auto," but will be an Xbox360 exclusive. Another exclusive title which debuted at X05 is "Mass Effect", a futuristic action-RPG similar to "Jade Empire" on the Xbox. "Mass Effect" is also going to be part of a trilogy which the developer is hoping make throughout the Xbox360's lifespan. The next games for the "MotoGP," "Splinter Cell," "Tony Hawk," "Alone in the Dark," "Tomb Raider" and "Wolfenstein" series are all under development for the system in 2006.

With just a little over a month to go about 3 more titles are expected to make it for release day. And a total of about two dozen games are expected to be available by this Christmas. On a side note, Peter Jackson has announced at X05 that work is being done for a "Halo" movie.



Florida SkyFest is an entire weekend of sky-high entertainment and fun for everyone in Central Florida who loves aviation.

Come see an awesome airshow with military jets, formation flights, wing-walking, aerobatic champions, warbirds, the Shockwave Jet Truck, and a grand finale with pyrotechnics!

Meet Embry-Riddle alumni who have proudly flown their military aircraft "home" to Florida SkyFest.

Lots more info at www.FloridaSkyFest.com.





















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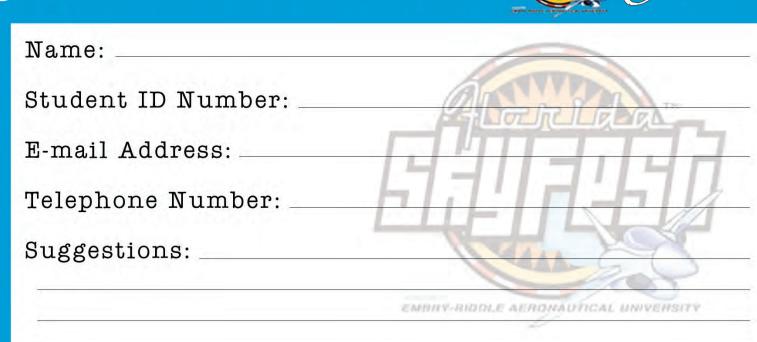
Tell us how we can make the newspaper better and you could win tickets to the air show!

Just fill out this form and drop it by *The Avion* Office in SC 110.

We appreciate your input.

Five (5) tickets will be raffled each week until Homecoming!

Limit (1) entry per person per week





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Here s the buzz. You can get all the latest college news, including sports updates, campus events and more e-mailed to you for FREE, without ever leaving your room. It s like feeding your head without taking a trip. So, go to our newspaper web site, **LOGIN and REGISTER TODAY.** And just say yes to e-News.



Inside Section C

Classifieds C5

The Avion, October 18, 2005

BIKITOBEREST DE LA COMPANY DE



Get ready for a roarin' good time ...

Biketoberfest Daytona Beach, Fla. Oct. 20-23

Must visit hot spots



AS THE CENTER OF Main Street madness, the Boot Hill Saloon will be featuring a tent with outside bars and live music. The ice carvings and Ms. Bootoberfest Beauty Contest will add to the fun.



FREE BEER FROM 4 P.M. to 5 p.m. everyday, just bring your Iron Horse mug. Free concerts will be accompanied by burn out pits. jousting, and an easyrider show truck.



PARTY WITH JESSE JAMES from 11 a.m. to 7 p.m. on Friday, Saturday and Sunday. Live entertainment is available from 1 p.m. to 1 a.m. with live bands and DJ's.

If you feel the need to watch some speed check out the Speedway



NOT INTO WATCHING? CHECK out the demo rides offered outside the speedway. Capitalize on the opportunity to ride Harley-Davidsons, BMWs, Hondas and other bikes for free.

Friday, Oct. 21

8 a.m.- noon Practice rounds

Noon - 2 p.m. Team Challenge

2 p.m.- TBA CCS 25 Min GT Races & 6 lap CCS Sprints

Saturday, Oct. 22

8 a.m.- noon Practice rounds

Noon - TBA Formula USA Timed Qualifying

Sunday, Oct. 23

8 a.m.- noonish Practice rounds

12:45 p.m. Pre-Race Ceremony

1 p.m. - TBA Formula USA Races



MAY THE FASTEST BIKE win. Amateurs and experts speed around the track at unparralleled speeds scratching puck and gaining the respect of everyone in the industry. See you at the track.

What to wear while on the biker scene

Ashley Moore

Diversions Editor

White shoes after Labor Day are still against the dress code even at Biketobertest, hopefully this critique as well as some of those listed below will help the fashion impaired when heading down to the special

events this weekend. The picture feature below is that of an older gentlemen expressing himself at Daytona's very own world famous holiday Biketoberfest. The man's outfit one of a kind, as it is tight, skimpily laced up and has large horns to top it off. His attire is highly commendable because ... he rocks it.



However there is one problem that must be addressed, the white shoes and black socks. Although a lot of things can slide during Biketoberfest, this timeless issue is unallowable. The inverse problem, white socks and black shoes, is also taboo.

Those of you going to hang out with the biker crowd will see this next problem quite a bit; oversized women in undersized pants. The woman exhibited in the spider web bathing suite and chaps is not the worst of the felons, but still should not be allowed out of the house without proper fitted clothing.

See-through tops are also clothing disasters, which are easy to avoid, unless of course you are a beer tub girl. Unless you can use money as an excuse to not wear solid clothing head down to South Beach, not Main Street.

The woman to the far right is dressed appropriately for the biker events and uses her body as a clothing accessory. The only problem is that this lovely young woman must have confused spring break with Biketoberfest, as she seems to be beads. wearing Flashing flesh is only acceptable at Mardi Gras



HOT **Black Boots** Leather **Halter Tops Horny Helmets** Leather Do-Rags

TOM Torn Jeans Pleather Sunglasses **PVC Chickens Tramp Stamps** Plumber's Crack

it on display.

historical

Pull out those leather

Daytona

chaps, head down to the

beach and celebrate a



Celebrities to watch for ...

ZZ-TOP Jesse James Jay Leno **Orange County Choppers** John Lithgow

Ashley's Assertion

Gainesville on Sunday afternoon, I got stuck behind a slow motorcyclist for 45 minutes on I-40.

Before I had the opportunity to drive like a crazy woman and speed

around him, another biker on a hog drove by us going in the opposite direction. Just as the two bikers passed one another they both took a hand off their handle bars and participated in an open handed, by the knee hand gesture. Instead of speeding around him and getting home a full three minutes faster, I decided to stay behind my slow, friendly biker so that I could observe another of these discrete

biker hand gestures.

the open handed discrete "hello;"

this happened habitually for the next

few miles. Now, the more I watched

this happen the more I began won-

Editor another biker and once again the motorists. biker in front of me participated in

driving back from dering, what is it about riding a bike that puts you in a secret brotherhood where you have millions of friends on two wheels?

I mean, you certainly don't see people in F-150s or minivans wav-

ing when they pass others with the same vehicles. Although a small gesture, perhaps more Americans should participate in it. I'm not saying that every car you pass should be waved to or creepily smile at, but perhaps we should be more understanding of other motorists' actions and more friendly when the opportunity arises.

Diversions

Ashley Moore

while Biketoberfest is going on, everyone pretends to be in the motorcy-A few minutes later we passed clists brotherhood and befriend other

I suggest that this week

By the way, the police are going to be out in full force this weekend, so even if you decide not to honor the motorcycling code of conduct, drive safely and slowly.

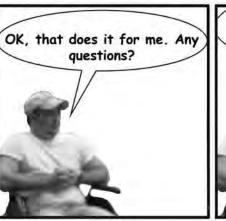
The Riddle of Life

By Jonathan Mettin

The Student Rep Board is supposed to be in tune with the student body and thinks they're doing a good job. Oh well, ignorance is bliss, I guess ...











by Wes Oleszewski









Dilbert by Scott Adams













That K.











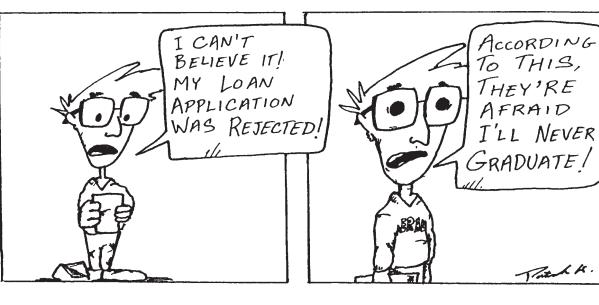




Living on the Edge by Patrick Kokorian







Board Games

CREATED BY Andrew Kreshock

The first person to turn in a completed, correct crossword will receive two Skyfest tickets. If you have turned in a crossword for a prize in the last month, you are not elegible.

ACROSS

- 1. The crossword game
- 4. Push the bubble to roll the dice
- 8. Capture the Flag
- 14. B5. Hit! B6. Miss!
- 15. World Domination
- 17. Older than 2000 years and still played.

Last Week's Answers



DOWN

2. This is One

22. Firehouse

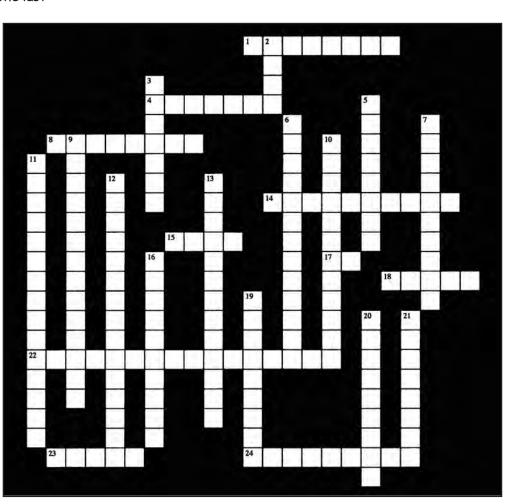
24. Politics

- 3. Reversi
- 5. King Me!
- 6. What Mikey would Play
- 7. Win, Lose or Draw
- 9. 6 wedges for a winner
- 10. Dice with letters
- 11. Brick, wheat, wood and ore
- 12. Jump but don't take the piece.

18. You get me I will get you back

23. 32 pieces and 64 spaces

- 13. Capture Russia and you win
- 16. 5 dice and the bar
- 19. Sweet! 20. Cheese
- 21. Advance to clue 17



STUDENT LIFE

Iron Eagles beat FSU

Eric Kvam

Iron Eagles President

What coach thought would be a great fun trip for the team almost turned into disaster. I apologize for the members that did not go because we could not guarantee a B game, and then ended up having a great B game. FSU turned out to be the South Collegiate Champion and had a very capable backline. We, on the other hand, used 13 forwards and two backs, good job Marshall and Luke. The line up started with Abi, Mark, George, Jason, Henry, Jeremiah, Craig, Eric, Doc, Brian, Dan, Scott, Carlos, and our two backs. Sebastian was brought in for George late in the game.

After the fun trip up late Friday night we found our hotel was in a prime location for the game and the night life, thank you Kristi. After all team members finally got to sleep, the early wake-up knock from coach was not well received. I knew we would be in for a long day. I tried changing up the warm up routine but we did not get our wakeup call until FSU went up 3-0 off multiple penalties for leaving our feet in the ruck or coming in from the side or off sides. To our credit, this was the only real way they were moving the ball, but they did also convert a lot of their line outs.

We were tackling well but too high, as well as running too high and not producing quick ball. Our size in the pack came into play with Big Craig breaking through for two tries and Scott taking it wide for a score as well, with two conversions for Doc with no tee. FSU was awarded a penalty try for questionable call on Carlos for playing the man without the ball, FSU might have hustled enough to get the score any way of a good chip chase

Ryan Baird

Delta Chi

As we're now halfway through

the month of October, the Delta

Chi Fraternity is planning to move on with many different athletic,

social, brotherhood and philan-

thropic events.

First of all, I would like to con-

gratulate the brothers on a well

played week in sports; brothers

Nate Clapper, Jeremy Link, Ryan

inside our 22. We will have to review defending kicks when our fullback enters the line, so someone is covering chip kicks. The halftime score was 19-10 Daytona.

Early on in the second half FSU went for another penalty kick trying to get the score within a converted try, with a lucky miss Doc was later able to just get his penalty kick a few minutes later over the cross bar to go up 22-10. Later, Brian thought he had a sure try when he had only the fullback to beat after a long run with about 5 meters to go, when he was decleated by the hardest hit he say he has ever taken. Who knew a fullback actually knew how to tackle like that? This helped him mess up another break when we had numbers.

Then, after a penalty they took it quick and the runner ran right through us from inside his own 22 to inside our 22 when one of their backs was able to later take it around the wide side on our sucked in defense. This brought the score to 22-17 with around 10 minutes left. We were able to keep some more pressure on FSU and maintain some good possession and ran a new play of a scrum to perfection, when once again the donkey of the day Brian dropped the pass in the try zone. In my defense, Scott had sweated all over it and it was one of our practice balls. Luckily,



Delta Chi news bulletin

and lost a close game to Deez Nuts. In volleyball Wednesday

night, many brothers and

associate members showed up

to support the volleyball team

Jeremy Link, Chris Rowell and

Ryan Ratchford who played the

The Delta Chi formal is sched-

Daytona Shores Resort. Brothers

Baird and associate member Daniel Gizzi, and Brad Green are for Oct 23. That's all I have for

anchored by Matt Mazzur, erhood time and have a good time

Pike Gold team. After a close mulated over fifty hours of service

game Delta Chi prevailed in the past two weeks with broth-

uled to take place Nov 12 at the terathon. We also have sched-

shooting guns.

the whistle blew soon after and Daytona avoided defeat.

The FSU coach asked if we had enough for a 30 minute B game. So I made every player with less than two years experience play again. They gave us one true well traveled rugger from up north, Popeye, so Eric was allowed to sit. We lined up Jason, Dan C., George, Sebastian, Henry, Popeye, Jason M., Daniella, Mark, Marshall, Issac, Luke, Bryan, Topper and Kipper. Brian refereed the game, and finished without being called to many names.

The game was going FSU's way in the beginning by having more fresh players on the field and was able to get up 14-0. Daniella actually got hurt (I thought she was indestructible) and Craig came in, Eric also played some at times as well. Craig was able to put in two more tries in this game. At about half with FSU up 14-10 no one decided to quite so we set out to play another 30 minutes. FSU went up 21-10 when new winger Bryan G. scored on the outside and had a very good first game ever to bring it 21-15.

I am sorry, but I can not remember who scored next for Daytona, I would go to the tape but Doc either taped Daniella's butt or the grass. Daytona went up 22-21 when FSU's A side center with 4 minutes to go made his way through the defense again to set up another teammate to go up 26-22. Daytona kept fighting and with time running down, Marshall came up with an amazing effort to dart, dash, and spin his way to classic late minute try in between the posts. Daytona was up 29-26 received the kick and cleared it with no time left for an awesome come from behind victory.

Marshall was player of the B game for that clutch run and Big Craig was the player of the day.

experience for all the brothers and

associate members to enjoy. In

the next couple weeks the broth-

ers will be taking a trip to Orlando

Paintball to go enjoy some broth-

Finally, the brothers have accu-

ers attending highway cleanup,

the heart walk and the teter-tot-

uled another highway cleanup

Sigma Chi upgrades

Russell Fortin

Sigma Chi

Over the past few months, there have been some major changes occurring at the Sigma Chi house. Our pool has been completely redone and actually has a city license. Needless to say, you can now jump in it during a party and not worry about E-Coli. Almost all of the rooms have also been fixed up and de-contaminated. New carpets, paint, and steel door frames are currently being installed. The back yard, previously filled with glass (or whatever else would look funny being destroyed) has been cleaned up, and more grass has been planted. For the first time in chapter history, everyone is actually paying rent. That means good things for the students at ERAU, as we now have a larger social budget for all of our little gatherings.

This brings me to my next topic. This year, Sigma Chi will be hosting the largest social get together Embry-Riddle, or even Sigma Chi, has seen. Over \$3,000 has already been invested to make sure we all celebrate Halloween the way it was meant to be. This will all take place on Friday, October, 28, starting at 10 p.m. Make sure that you get in the spirit and get a kick-ass costume together, as there will be games, prizes and other free stuff to be given away.

As for other upcoming events, we're having another famous Orlando social, which includes a bus ride and an entire bar on Church Street rented out by Sigma Chi. We also have our annual White Rose Formal on November 12 where we will also be announcing our new sweetheart. So, ladies, start sucking up now, as this is an event that no one wishes to miss and you must to be personally invited to attend Other than that, keep in touch with a Sigma Chi brother, as we will find random ways to keep the social life at this school from sucking, like every other aspect.





Alpha Xi Delta sorority welcomes new members

Sarah Vaneekhoven

Alpha Xi Delta

The sisters of Alpha Xi Delta are really proud to announce ten fabulous new members that are joining our sisterhood! Sorority recruitment, as a whole, went very well; we couldn't have asked for more! The new members are Melissa Majkowski, Judith McGregor, Allison Popola, Natalie Anton, Melanie Rooney, Bridget Cox, Ashell Curtiss, Jennifer MacRae, Maria Olivas, and Sarah Printy. The Alpha Alpha class is coming out strong and representing several clubs and sports; they're involved in such campus activities as Volleyball Team, Swim Team, Dance Team, and ROTC! We're really lucky to have such amazing, talented, and intelligent responsibility.

girls joining us! Next, sisters are going back to our childhoods when we do a



SENTS personal development, scholarship, friendship, and civic philanthropy with a local Brownie Girl Scout troop. We hope to show the young girls how special it is to have great girlfriends and to demonstrate how the sorority is our family! This upcoming weekend, we're also doing our semester Chapter Camping Retreat. We get to visit Hontoon Island for our second semester in a row to enjoy some quality sister time. These two weekends should be a blast for all involved!

Lastly, something new the sisters are trying is ... bowling! That's right - we've got enough girls for two teams, and we plan to have some pretty great competitions! We challenge other teams to show us your stuff! Ask a sister for more information. Well, that's all for this week! Try and stay de-stressed for mid-terms!

Anthony Ward brought home a vic- in charge of planning the event this time so till next time. Do tory against the Pike Garnett team, which looks to be an exciting college right. Delta Chi. Rugby legend continues

three games.

Elizabeth Hudson

Iron Eagles Rugby

The Daytona Beach Coconuts Rugby Club aka the Iron Eagles Rugby Club have been unknown champions who continue their practice; competing and having fun. After winning the South Regional Playoffs and traveling to Omaha, NE to vie for a national 15's title, and coming close to winning the regional 7's tournament, the guys are being moved up from Division III to Division II.

Last 7's season, Summer '05, the Coconuts only played in tournaments. (7's means there are only seven members on the field, 15's means 15 players on the field.) The guys played in a total of five tournaments, winning

three and getting second place in two. of great guys to lead the team. Although seeded in first place at the onset of playoffs, Nationals eluded

the guys by only one game. Coming up this Saturday, at the intramural field on Richard Petty Blvd., is the Jacksonville game. The Jacksonville-Daytona rivalry has been brewing on for several years. After Daytona took the Florida Cup in fall 2003, Jacksonville knocked the coconuts out of competition in fall 2004, but the Coconuts were able to win the South in spring 2005, knocking Jacksonville from the contention. Saturday is shaping up to be great match! It's a great opportunity for people to come out and see what the Coconuts are all about.

With member numbers going up, the rugby team has found a group

From Embry-Riddle alone, at least 30 guys come out to the Tuesday and Thursday practices, most of which play in A or B side games on Saturdays. With a substantial allotted budget from the SGA for this semester, the club has been able to purchase better training equipment. Thus far, the team has gone 4-0 this fall, winning against Ft. Lauderdale, UCF, FSU, and USF. Women's Rugby practices are on Mondays and Wednesdays from five until dark at the Richard Petty Blvd. intramural fields. Men's Rugby practices are on Tuesdays and Thursdays from five until dark at the same location.

Any interested athletes, new or experienced, are invited to attend practice.

Eagles FM: making a live broadcast happen

Andrew Peng

Eagles FM

"What, we have a radio station on campus?'

This is one of the classic responses when EaglesFM staff go out to survey the student population on the content EaglesFM should play on the air. We have come a long way though, all the way from broadcasting out of an old trailer way back in the 70's, to broadcasting in a spare room in McKay, to broadcasting out of the

Student Center. We even moved once while stationed in the UC, from a closetsized space upstairs to a slightly larger closet-sized space downstairs, neighbors to the Volunteer Network and The Avion. Even while moving around so many times, nothing has changed. The dedicated staff always pound out music decibel by decibel loud enough to drown out shouts of agony and despair from their unfortunate neighbors. However, this year something changed.

One year ago, the approval for new equipment set enough tingles of joy though Division Chair Jesse Lesperance that he leapt out of his chair and ran laps around the UC. With new equipment meant no more using mixers that were older than the school. With new equipment meant clean and painfully powerful broadcasts online and

over the air. With the new equipment, the potential for broadcasts was unlimited. One by one the new toys rolled in and Jesse spent the summer at school enchanted in an aura like Christmas break on Viagra. Digital mixers boards, CD Mixer boards, automated broadcast software, and audio processors held an extended spell over the division chair as each and every piece of equipment was lovingly put in with intense dedication and skill.

Months later, our approval for LPFM came in, and again there was much joy as the staff celebrated and rode out to the new

transmitter tower crammed on the threefold and the website was back of Jesse's pickup truck like refugees fleeing aliens in War of the Worlds. Many brain cells were lost that night. Those who didn't attend the ceremonies tended to know more about it than those

who did attend. The next stage occurred as the Ice Hockey team (http: //www.erauicehockey.com) approached Business Director Will Robertson about potentially doing a live broadcast of the upcoming hockey games. Will replied with a resounding yes and agreed to a live broadcast while at the same time deciding how to break the news to me. When I was told by Will, there was less than 20 hours left for me to jerry-rig a system to do a live broadcast that would work with ERAU's network infrastructure.

As Chief Engineer, things like these are not uncommon. Somehow I'm left out of the loop for major projects like this one. Anyway, the end result involved using a server at my home in New Jersey and relaying the stream through that server before it was picked up by the computer in the radio station studio.

However, for the first night, the audio quality left much to be desired and the poor Internet connection from the area did not allow for an actual live broadcast. We recorded the game and later released it on the website (http://www.eaglesfm.com) for download. Later that week, staff from EaglesFM visited the arena and improved the quality of the Internet connection and I made a cable monstrosity that when used in conjunction with a pair shiny things called direct injection boxes would massively improve the audio quality.

The next Friday night, we arrived a full four hours early and set up the equipment. The Internet link to New Jersey to the studio worked like a charm, and my MacGuyver-engineered grotesque cable abomination worked as well as a real college SGA. The recording quality increased

swamped with requests to listen live online. Parents and fans alike listened online and over the air and even SGA members listened in for a few moments at their weekend séance. After the game was over the broadcast team received tokens of gratitude in the form of bows. points, and loud shouts from the ERAU Ice Hockey team and

the audience. Having live sportscasts and working closely with the sports teams on broadcasting their games and making it available online will increase the school spirit and atmosphere of the University and its staff and students. Before, the schoolwork made it difficult for some students to attend the games and get involved with the community.

Now, with the new technology and live broadcast system, anyone can listen in as long as they have an Internet connection. Dial-up listeners and broadband listeners alike can listen in online, and local fans and communities can tune into 99.1FM.

As the listener audience increases, community awareness will expand and more and more people will know about ERAU and the live broadcasts of the University sports teams. Hundred of students already listen in online during the sports games, and many others that listen in weekly are not even ERAU students or staff.

When asked how the broadcast went and what he thought of it. Jason "Rexx" Sokoloff, one of the sportscasters at the events said "It's always good to come out and do stuff for the school and the team like that. The broadcast went real well, everyone involved did a great job.'

The people that were able to make the live broadcast happen include Robb Hicks, doing the live DJing at the event, Tom Flanary and John Blais doing the audic and computer engineering and the sportscasters Jason "Rexx" Sokoloff, Toby Bucsesbu and Mike Leonhard.



TRICK OR TREAT?

Please Join Us at First Year Programs

Friday October 21 from 11:00 am to 2:00 pm for a Halloween Party

> *Hotdogs Hamburgers *Chips *Halloween cookles *Cup cakes ice cream Sodas

PLENTY OF TREATS AND MAYBE A TRICK



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Condo for Rent

One bedroom in Pelican Bay. Ten minutes from ERAU. Private gated community, private pool. Washer/Dryer. Expanded cable TV and water included. High speed internet available. Rent is \$475 + 1/3 monthly power bill. For more details, contact Scott. (386) 453-7393.



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The Alumni Association invites students, family and friends to celebrate 40 years in Daytona Beach during Homecoming / Florida SkyFest 2005 weekend. Don't miss the excitement at the annual Student Talent Show, athletic events, Homecoming Parade and Tailgate Party, Brunch with the President, and of course, the SkyFest air show! Register online at www.ERAUalumni.org to attend special alumni events. See the complete Schedule of Events below and make plans to attend today!

Wednesday, October 26th

10:00am - 3:00pm Industry Career Expo ICI Center

8:30pm - 11:00pm Movie on the Lawn "War of the Worlds" West Lawn

Sponsored by the Alumni Student Connection

Thursday, October 27th

9:00am - 4:00pm

Early Bird Registration/Check In Spruance Hall #118

10:00am - 3:00pm Industry/Career Expo ICI Center

2:30pm - 5:00pm

Junior Class Social Lehman Building, Co-hosted by the Alumni Student Connection Program and Career Services

8:00pm-10:00pm Student Talent Show Student Center

8:30pm-10:30pm Women's Volleyball Game ICI Center

Friday, October 28th

8:00am 9:00am-8:30pm

Admissions Open House On Campus Alumni Registration / Check In Information Tent on Campus

ERAU vs. Northwood University

8:00am-Noon

EAA Champions of Character Golf Tournament LPGA Golf Course

11:00am-3:00pm 2:00pm-3:30pm 3:00pm

Alumni Softball Tournament Field on Campus Alumni Women's Volleyball Game ICI Center Corradi/Sweginnis Legacy Plaque Dedication Legacy

Walkway

3:30pm-5:00pm Homecoming Parade On Campus

5:00pm-7:00pm Tailgate Party "Recycled Percussion" ICI Center 5:30pm-6:15pm Blue & Gold Alumni Basketball Game ICI Center 7:00pm-9:00pm

Homecoming Basketball Game ICI Center Once Upon A Time ... In Flight Party Crotty Tennis Center

8:00pm-1100pm Saturday, October 29th

8:00am 9:00am - 4:00pm 8:45am-10:00am

Gates open Florida Skyfest Daytona Beach Intl Airport Alumni Registration/Check In Information Tent on Campus

"Embry-Riddle History" Seminar A109 Presented by Dr. Stephen Craft

Dorothy Miller Plane Dedication Ramp Flight Maintenance

Hangar

10:00am-11:30am Alumni Tours "A" Building

8:00am- 4:00pm 8:30pm-11:00pm

10:00am

Alumni Hospitality Tent at SkyFest Daytona Beach Intl Airport

Homecoming Entertainment Comedian ICI Center

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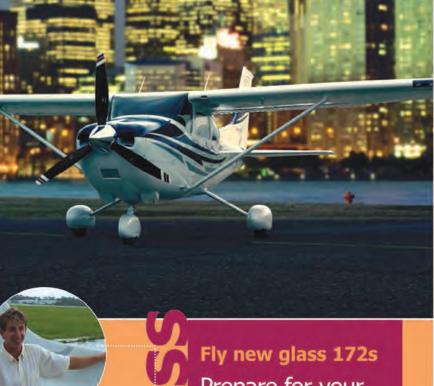


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Show your current ERAU student ID to receive these special rates:

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Industry/Career Expo

The 2005 ERAU Industry/Career Expo is right around the corner. Visit the Epic Aviation booth at the ICI Center on October 26 & 27 from 10-3 and talk to Epic staff.

We're happy to take your questions on flight training, instruction, aircraft maintenance/avionics, and more. Please come and visit us. We look forward to seeing you.





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