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## Avion 2004-03-02

Embry-Riddle Aeronautical University

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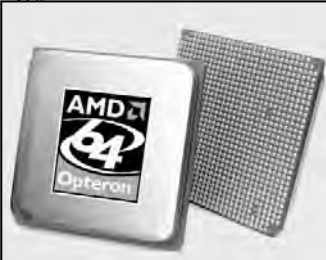

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## Sport Aviation receives 141 certification

### FAA approves club as certified Aerobatic instructor school

Lucas Crouch  
Editor-in-Chief

The Embry-Riddle Sport Aviation Club received a Federal Aviation Administration (FAA) Part 141 certification for their Aerobatic Flight Instructor course last week. They are currently the only organization that is 141 Aerobatic approved. With the new FAA approval, the Sport

Aviation Club can offer pilots with a Flight Instructor Certificate a program to gain an FAA course completion certificate.

Currently there are no FAA regulations defining aerobatic flight instructors. "Any joe-blow can say they are an aerobatic flight instructor," said Pat Anderson, advisor to the Sport Aviation Club. "I think this new FAA certification lends credibility to an instructor that wants to teach aerobatics."

When a flight instructor completes the course, they receive a course completion certificate which is backed by the FAA. This can then be inserted into the pilot's logbook.

A member of the Sport Aviation Club,

Mark Riden, is the FAA certification. Harper, president of the Sport Aviation Club, Mark Riden

one who pursued the course. According to Danny Harper, president of the Sport Aviation Club, Mark Riden prepared a syllabus for the program and started pursuing FAA certification years ago, but was unable to complete it.

Last September, however, he started his endeavor again, proposing his idea to the FAA.

The FAA visited the club's facilities at Spruce Creek, which includes a hangar with a Pitts S2B and Piper Cub. The club's organization was also inspected, checking to be sure the club could maintain records and other paperwork.

"I think this new FAA certification lends credibility to an instructor ..."

- PAT ANDERSON

All instruction is completed in-house. When an instructor successfully completes the course, they will receive a certificate that reads, "Eagles Sport Aviation FAA part 141 Approved Flight Instructor."

In addition to the Aerobatic instructor certification program, the Sport Aviation Club also offers the UPSET program, which teaches several flight techniques such as recovering from unusual attitudes.



## Date auction a success

Lucas Crouch  
Editor-in-Chief

On Friday in the UC, 23 people were auctioned off during Up 'Til Dawn's date auction to raise money for St. Jude Children's Hospital.

Each date couple received a certificate for a dinner and an event afterwards, many of which were donated by local companies.

The highest individual bid for females was Amanda Gregory at \$200, while the highest bid for males was for Zyg Dabrowski for \$120.

Surprise people auctioned off included Derek from Food Services; Anthony Vavera, one of the MCs, and Michelle Cohan and Ashley Razeovich who were auctioned off together.

During the show, Iris Sapaden sang for the audience.

The night closed with a two for one sale for \$210.

Other high bids were Carmel Cammack for \$190, John Pepper for \$185, Matt Collier for a modest \$100 and Karrie Blittersdorf for \$130.

In the end, \$2,225 was raised that goes directly to St. Jude Children's Hospital.



MATT COLLIER UP FOR grabs during the Up 'Til Dawn date auction on Friday night. Collier, the SGA President, sold for a mere \$100.

## If you haven't already heard ... they're here.



SHYAMAL ADDANKI/AVION

MOTORCYCLE ENTHUSIASTS CRUISE UP and down Main Street in Daytona Beach, Fla. during Bike Week 2004. Bike Week kicked off on Feb. 27 and ends on Mar. 7. Bikers cruise around Daytona and participate in events on Beach Street and Atlantic Boulevard (A1A). Many Daytona residents refer to them as, "Loud and colorful."

## George Washington Univ. Pres. speaks in IC

### Trachtenberg gives speech on variables, uncertainty

Mohammad Ali Siddiqui  
Staff Reporter

Feb. 25 found Mr. Stephen Trachtenberg, president of George Washington University, in the ICI Auditorium to give a speech on "Variables: The uncertainty of human endeavor." The speech was hosted by the Honors Society, with an audience of about 50.

The speech was a major disappointment to some. "He spoke a whole lot about the history of aviation, personal computers, the nuclear age, the space age, and how the World Wars affected their present outcomes, and then said, 'well, it needn't have been that way'... I think we all learned that things needn't be the way they are when we're just kids," said one annoyed Riddle student.

"This was a total waste of my time."

Mr. Trachtenberg chose to read from his paper for the entire duration, made very little eye contact with the audience and was very unclear on what he was trying to get across.

The following are excerpts from Trachtenberg's speech:

"There is uncertainty in our efforts, it's called intellectual uncertainty."

Imagine a building that you don't know. You probably pictured something made of glass, steel, with a modern edifice, etc. However, it could have been styled Gothic, Victorian or several other ways. That outcome, as you can see, wasn't the only one possible, there could be any number, or even none."

"When I was the president of the University of Hartford, we received a grant of \$8 million. This was achieved after an untold number of sleepless nights spent working on it, and a whole lot of traveling. It's often said that luck favors those who work hard for something. However, I was quite peeved when an

acquaintance said, 'Wow, were we lucky!' though I knew he was right."

"At George Washington University, our hospital was losing a lot of money, close to \$40 million annually. We eventually closed it down and built a new, \$100 million hospital later. Though people later said that they always expected GWU to one day tear down the old one and build a new one, what they don't know is that this almost didn't come about. In fact, we wanted to get out of the hospital business altogether. There were several obstructions: the neighbors didn't like the idea of the construction noise and eventually the noise from the ambulances. Directors of other hospitals wanted their patients and the business they would bring. In spite of all that, the new one is up and running and there are several times when I feel that it's not big enough or well staffed enough."

"Take Embry-Riddle for example. If at that time in history, two people with the unlikely names of Embry and Riddle, had

"Wars, as horrible as they are, tend to supercharge technology ..."

- MR. TRACHTENBERG

not decided to open an airmail company, which eventually turned into a flying school which contributed the largest number of pilots for World War II. From a tiny flying school is Cincinnati, Ohio, to the world leader in higher education in the fields of aerospace and aviation studies. The school closed once and always had extreme competition with major corporations."

"Aviation in general; though the Wright brothers are attributed as the individuals who conceived the airplane, there were people before them, whose efforts went a long way to actually make that come about. Wars, as horrible as they are, tend to supercharge technology, and had the world wars not occurred, the aviation industry today would have been much different."

"With aviation came the advent of airmail, mass transit of passengers from one place to another and surprisingly, also the spread of diseases from one place to the next. Satellites would soon be launched into outer space and man would walk on the moon."

## Up 'til Dawn to end successful year

### Finale event to be held this Saturday night

Bevin Bixby

#### Up 'til Dawn

The world's largest pillow fight! Imagine it, Embry-Riddle going down in the Guinness Book of World Records. A record breaking night full of fun and free food! What could be better?! How 'bout the fact that it is all for a great cause!

This Saturday will mark ERAU's second annual Up 'til Dawn (UTD) Finale event. From 7 p.m. Mar. 6 to 7 a.m. Mar. 7 UTD will be celebrating all of the hard work the campus has put forth this year. As St. Jude's founder Danny Thomas stated, "No child should die in the dawn of life."

In honor of the kids, we will be staying up all night to show our support for them. Everyone is invited to come and join in on the fun. Each hour will mark a different theme and the pillow contest will take place that evening. Contests, games, prizes, free food and tons of memories will help to make the night unforgettable.

Last year UTD managed to raise over \$27,000! This years total will once again be announced at the finale event. The total will consist of all the money raised through this years events, including: the letter writing campaigns, Battle of the Bands, Halo tournaments and most recently the Date Auction! All those proceeds go directly to benefit the children of St. Jude.

Last Friday's Date Auction was a huge success. UTD managed to raise over \$2,225. Twenty-one dates were auctioned off, making this one of UTD's most successful fundraisers of the year. Thank you very much to all those who participated, it was a lot of fun and it's all for the kids!

### Organization to hold OozeBall next month

Press Release

#### Up 'til Dawn

For years, college students across the country have taken part in a tradition known to many as OozeBall. Now, thanks to two organizations at Embry-Riddle (Order of Omega and Up 'til Dawn) students at Embry-Riddle will have an opportunity to get mud in places they have never imagined!

If you're one of the few left who haven't heard, Oozeball is volleyball with a twist. Forget the sand, there's enough of that around. We'll be playing in MUD! That's

right, and it's even co-ed, so guys and gals start putting your teams of six together fast.

This year's OozeBall tournament will take place on Sat. April 3, 2004 from 12 - 5 p.m. in the retention pond behind the IC Building. You can get all the information you need about signing up a team in the Student Activities office.

Each team is required to donate a minimum of \$25 and awards will be given out to the teams that are able to raise the most money. All proceeds for this event will go toward the St. Jude's Children's Research Hospital to help fight childhood cancer.

There will be music all day long and lots of free food. Even if you're not brave enough to play, come out and cheer your friends on. This truly is one of the best events Embry-Riddle has ever seen, so don't miss out. Where else will you be able to play in a mud volleyball tournament? Let's go play in the MUD!

### Where are the Trees?



MICHAEL MARANO/AVION

IF YOU PASSED BY the Student Village you may have noticed the trees that once occupied the area have been leveled. Read *The Avion* next week for the full story.



BILL CAMPBELL/AVION

UP 'TIL DAWN'S DATE Auction helped to raise over \$2,000 for the children of St. Jude's Children's Research Hospital. The girls of Alpha Xi Delta and Theta Phi Alpha were auctioned off at an average of \$150, while SGA President Matt Collier (left) was auctioned off dirt cheap.

### SPEAKER

#### From Front

"Personal computers about 40 years ago were quite different from what they are today. They were the size of large rooms and programmers often had their workbenches situated directly inside these colossal monsters. Universities would compete against each other in trying to develop the better machine."

"The radio was at first commandeered by the navy, as people then saw no possible civilian usage. There came a time when the radio became the main source of entertainment and information. Who, at that time, could have foreseen the level of its usage."

"Then there's the nuclear age. The development of the bomb, though probably inevitable wasn't what researchers were after."

"The inventors of the internet were looking for an easy way to share information. They probably didn't foresee the massive corporate presence, email and 'spam', and of all things, how much pornography has helped it grow, or so I've heard."

"What we believe in is not inevitable, it's not carved in stone, but in fact, is very fickle. Despite uncertainty, we cannot stand aside and let events take their course of action. Nothing is inevitable, ideas are fluid, and the future is yet to be written. The risks will always be with us, and so will the rewards."

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## Animated show worthy of praise

Comedy Central's *South Park*, long reviled for its irreverence and foul language, deserves a second look. On its surface, the show is little more than "bad animation and fart jokes," as one critic chided. But a deeper look exposes *South Park* as smart, satirical and worthy of praise for exposing the follies of everyday life in America (and Canada).

Where else on TV can you hear debate about controversial issues like assisted suicide, sexual harassment, hate crimes, voting recounts and pedophile priests? Sure, you could hear serious discussions of these issues on news programs, or get Hollywood's take on them from shows like *The West Wing* and *Law and Order*. But *South Park's* tongue-in-cheek approach to controversial issues makes debate just as fun as it is enlightening. *South Park* takes each issue, bases an episode around it and stretches it

to absurd proportions to prove the moral for the episode.

At its core, *South Park* has three characters who reflect various parts of our characters. There is Stan, the "average guy" who goes with the flow and learns from the consequences. Then we have Kyle, the principled iconoclast who tries to oppose the crowd when they're acting irrationally. Finally, we have Eric Cartman, who reflects the dark side in all of us. He's greedy, reactionary, cruel and yet he is

always the funniest character and the anti-hero of the show. The other characters are predominantly stereotypes, which are essential to

satire but are taken to an extreme direction in *South Park*. These characters help us to reflect on our own prejudices, and Trey and Matt should at least be excused for being equal-opportunity offenders. The low-quality animation of *South Park* allows creators Trey Parker and Matt Stone to release episodes while their topics are still pertinent. Back when the Boy Scouts were being sued by an expelled gay scoutmaster, *South Park* offered insight with the episode "Cripple Fight," where Big Gay Al gets booted from scouts and takes the issue to the Supreme Court (and learns a valuable lesson about judicial activism along the way).

Or, most recently, Trey and Matt combined the election of a new Canadian prime minister and the capture of Saddam Hussein, creating the hilarious conclusion of the episode "Christmas in Canada." The wisdom of *South Park* should not go unheeded. For example, the episode "Christian Rock Hard" teaches us that music piracy only harms the talentless executives who produce albums; in "There Goes the Neighborhood," class envy is compared with racism.

With *The Simpsons* in decline, *South Park* remains the king of television as both an animated comedy and a satire. The show's lewdness should not blind viewers from receiving the messages that Trey and Matt are trying to teach us. Whether you agree or not, *South Park* is an ever-important part of the national debate.

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## What's the fuss?

You know, everywhere I go today I hear about the big gay marriage controversy. Even at the Oscars, half the jokes were about gay marriage.

"Did you hear that state so-and-so has legalized same-sex marriage?"

"Oh my god, do you believe that blah-blah county is letting same-sex couples wed?"

As I speak, the liberals and conservatives around me are about to start a war, it seems.

Jeez. People are getting so worked up over this. I'm not saying this issue isn't important - not at all - but is it *really* that controversial?

What's the big deal? What is so earth-shaking about two men or two women loving each other so much they want to get married?

I've heard so much about how wrong gay marriage is. "It's a sin! They are all going to hell!"

Did I miss something here? I was always told a sin was intentionally doing harm to somebody else or not being true to yourself. So somehow, all of a sudden, wanting to marry the true love of your life fits one of those guidelines?

Oh wait, because the person

just so happens to be the same sex makes it wrong? Oh, it all makes sense now.

Now I'm hearing cries from the ultraconservatives around me that it's "unnatural." "Our bodies weren't designed that way, therefore it's wrong."

Our bodies weren't designed to do a lot of things. We don't have wings, so is it a sin to fly in an airplane? We don't have gills, so is it a sin to go swimming for fun? Tanning salons, tattoos, the list goes on about "unnatural" things we can do. By that definition, they are all sins. Even getting your face painted at a carnival. Even getting a pacemaker.

You know, I think this whole "controversy" isn't a controversy at all.

If two men or two women love each other, who am I to say that they can't marry each other? It has no direct impact on me. In my opinion, every person should be able to live their own lives as they see fit. Even our Constitution guarantees "life, liberty, and the pursuit of happiness."

What right do I have to say that they can't be happy?

-Jonathan Mettlin

**Where else on TV can you debate on controversial issues ...**

- MARK SOPPET

**... large, slow transport aircraft which are susceptible to attack ...**

- MICHAEL MCGRAW

**The wisdom of South Park should not go unheeded.**

- MARK SOPPET

## Major logistical problems in Iraq

Planners and operators in Iraq are preparing for a major troop rotation, which is to take place over the coming months. There is, though, one question that is causing a headache among those who plan the methods and means by which troops and equipment are to be transported into, within and out of Iraq: How?

How is this to be accomplished as effectively and safely as possible? Where and by which routes should troops and equipment be taken? These are only a

couple of concerns facing the logisticians at U.S. Transportation Command, and the Air Force's Air Mobility Command.

Primarily, though, they must focus on the up-and-coming troop rotation. A main problem is the idea of flying hundreds of sorties with large, slow transport aircraft, which are susceptible to attack from mortars and shoulder-fired rockets. Another logistical chal-

lenge is the lack of sufficient ramp space to handle multiple large aircraft on the ground at any one time. Currently none of the four U.S. air bases in Iraq is capable of handling civil aircraft, partially due to the threat of such attacks.

Current plans include having some of the troops flown into neighboring countries such as Turkey, Kuwait and others in the region. From there, the newly arriving troops will be provided with equipment and move into Iraq via ground convoys. However, even with these destinations, many troops will be flown directly into Iraq, some through Baghdad International Airport (BIAP). Military C-130 aircraft will be employed to transport troops between Turkey and Iraq.

It is hope the transports will be able to avoid Baghdad International as much as possible in the near future. The three trans-

port aircraft struck by missiles in Iraq were all hit while taking off from there.

The built-up urban and suburban Baghdad areas around the airport make it difficult for troops to patrol an extended area around the

airport and prevent any insurgents from attacking. It is the hope of the military to have BIAP up and running as a commercial airport as soon as possible, although they would like to maintain some military presence there for a while. The city of Balad, roughly 30 miles to the north of Baghdad, will become the military's primary base of logistical operations, and will

be the final Iraqi base occupied by the troops before the drawdown of troops. It can currently accommodate five wide-body aircraft, and additional ramp space is going to be built to handle additional aircraft. The runway lighting and the

control tower are also going to be refurbished in hopes to make the field a truly world-class airport. Meanwhile, combat aircraft and Unmanned Aerial Vehicles will continue operations from Iraqi bases, and patrols will be continued to be flown throughout the country.

-Michael McGraw



PHOTO COURTESY WWW.AF.MIL

## THE NOTH FACTOR

### What is inappropriate?

This week was yet another thriller. In a surprise move, Clear Channel fired their "shock-jock," Bubba the Love Sponge, after the network was fined by the FCC for indecency. Clear Channel president John Hogan even went before a Congressional committee to apologize. Howard Stern's morning radio show has also been suspended in several cities. These changes come as the networks try to "clean-up" their act, specifically in light of Janet Jackson's exposure during the Super Bowl.

I was very critical of Janet Jackson after the incident, and still feel that she was in the wrong; however, I view these radio shows as a completely different animal. The key difference in the two situations is context. People have specific expectations for any type of broadcast. If I were to turn on the Spice Channel, I wouldn't expect to see Martha Stewart Living, and if I were to turn on PBS, I wouldn't expect to see

Busty Babes 19. When people tune into shows like Howard Stern, Love Line and Bubba the Love Sponge they expect to hear discussion of sexually-oriented issues. Accordingly, when people tune into the Super Bowl, they do not expect to see an exposed breast. The only time there should be intervention is when The Vagina Monologues end up on The Disney Channel. As long as programming is scheduled, and its content is expected, there is no reason that any particular content should be banned.

I'm certainly no proselyte of Stern or 'the' Sponge, but I think they have every right to express any and all of their opinions publicly as long as we live under the Constitution of these United States. We should not extinguish voices in America simply because they are not appropriate for all audiences. The fines put in place by the FCC are as good as removing the programs from the air,

because networks are interested in making money, not in the actual quality or nature of their programming. When we allow these controls to take over in the media, we are strangling the soul of intellect. Controls might only be affecting some raunchy DJs right now, but before long they could affect political forums about sexuality, drug usage or other aspects of the American life that the FCC deems inappropriate.

Frankly, I've heard Pat Buchanan say some rather off-color things that offended me, like "We're going to bring back God and the Bible and drive the gods of secular humanism right out of the public schools of America." Such blind intolerance is every bit as offensive as a discussion of pornography. At the same time, I recognize that Pattie-boy has every right to express his opinions and that I cannot and should not stop him. If a network perceives a need for a family network, they should be free to provide it; the same principal applies to adult-oriented materials. Individual broadcast networks should be able to set their own standards and listeners should then choose what they do and do not want to hear.

As far as children are concerned, parents must enforce the limits they set for their children. To those who argue that all parents aren't watching their kids I say: if kids don't hear it on the radio, they'll see it on Cinemax or the internet. Networks must use discretion, but by default, some networks and some programs should be expected to be edgier than others.

Things could have been worse this week, though. Ralph Nader could have announced he was running for president, or there could have been a refugee crisis in Haiti, or the Israelis could have put up a wall in the middle of town ...



Christopher A. Noth  
Columnist

## Take your smoking somewhere else

I've been avoiding this topic for a while, but lately I've just gotten really pissed off about this. Smokers on campus, this is my opinion of you: I'm sick of you. I'm sick of having to walk through a disgusting cloud of your smoke to get to class. I'm sick of walking behind you and having to breathe in your smoke. I'm even sick of sitting next to people who smell of cigarette smoke.

For those of you who smoke cigars, we get it. Yours is bigger. It also stinks a hell of a lot worse. You are disgusting, and I would like nothing more than to never have to smell you or your cigars again. Mostly, I'm just sick of the complete lack regard you (all you smokers who puff away any public place on campus) have for non-smokers.

Whenever I mention this to any-

one, I get the same response every time: "It's my right to smoke here." Alright, you freaking Einstein, what happened to my rights for clean air?

It's such a stupid argument. One smoker I talked to said to me, "Well, we already can't smoke on airplanes, what more do you want?" What more do I want? Alright, I'll answer that. I want people to smoke only in their homes and cars. I'm sure they already stink like hell, so let's just limit it to those places.

"Right to smoke." Give me a break. I'm infringing on YOUR right to smoke. How about non-smokers rights to healthy lungs? Look, anyone who starts smoking with the risks as well known as they are is stupid. Plain and simple.

Anyone who decides they can't quit is weak. Are you offended? I hope so. I hope you find me as offensive as I find you and your damned smoke. If you people want to destroy yourselves, go ahead. I won't try to stop you, but you are NOT going to take me down with you. It still pisses me off that I have to hold my breath to get to class. To all those of you lazy people who smoke right outside the buildings, I have a challenge for you. Justify smoking right at the entrance to a building. It's that simple. Just explain to me why you should be able to do it there. I DEFY YOU TO GIVE ME ONE GOOD REASON. So go

ahead. Thrill me with your logic. And don't try pulling that "right to smoke" crap with me, because I have as much right (more so even, since I'm trying to stay healthy) to have clean air as you do to pollute yourself.

In the meantime, let me leave you with a little something to remember me by. All of you who smoke outside of buildings: I will be arming myself with Lysol starting next week. I will be spraying it whenever I have to enter a building through a smoke cloud. Just thought you might want to know. After all, it's my right.

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**So go ahead. Thrill me with your logic.**

- FRANK ARBAN

## Student Forum

The Avion asks: "What should Riddle do to attract more female students?"

- Compiled by Mike Marano



**Mallory Corder**  
Aeronautical Science Student

"Make more things pink."



**Alexandra Buttazzoni**  
Human Factors Freshman

"Start more woman's athletic teams."



**Deborah Hoffman**  
Human Factors Junior

"Offer more scholarships to women coming in."



**Audrey Jo Garza**  
Aerospace Engineering Freshman

"Have a larger female athletic program."



**Sheila Morales**  
Engineering Physics Freshman

"More financial aid opportunities, and more scholarships for woman in Engineering."



**Jade Garcia**  
Aerospace Engineering Freshman

"More scholarship opportunities for women for any degree ... and a male football team."



## WERU updates its devoted listeners

David Moroni

### WERU Member

What's up WERU listeners?! It's now time to FINALLY give you our first announcement of the semester. First I would like to begin by thanking the listeners for all of your support! Last semester was a lot of fun. Taking the place of previous Mobile Sounds Director Andrew Barnett is Sean Mahoney "DJ Hones". Sean's sidekick Jacob Leech aka "Juicy Jake" has stepped up to take the position of Promotions Director. We have huge plans in mind for the new year. First, "Mo" and Jessie Lesperance are working with IT to get a private streaming audio server with a much higher bandwidth. Next, the operations board is drawing plans for the construction of the new radio station which will be taking the place of the current Health Services office. In addition, we are budgeting for

state-of-the-art studio equipment and various aspects of the construction phase of the new studio. There's so many things going on at once, I don't even have the typing room to talk about it all. So, let me finish off with a listing of this semester's show descriptions.

DJ Floatshow with co-host AC host the *Buck Eighty Show* featuring a variety of Urban (Hip-hop/Dancehall/Reggae). Mikey and Carl host the *Mikey and Carl Hour* to play your basic variety of music.

The "Y" hosts his infamous *Metallus Maximus* with co-host "Z", featuring "uncompromising, unrelenting metal!" and hard rock.

Jessie Lesperance (aka DJ Nub) hosts *The Canadian - Rock'r'Not* which is designed to debut new and upcoming rock artists in our area; bands will perform live in the studio to be critiqued by listeners on the air to determine if they "Rock or Not?"

Forest "The Dude" Lightle hosts

*Log Jammin'* playing true metal (death, prog, power, melodic) and hard rock in a music-first approach; not playing today's major record label non-music cattle feed that is spoon fed to the public."

Juicy Jake hosts *Juicy Jake's Classic Rock Block*. For those who like to rock ... we salute you!

Ron West aka Rockin' Ron with co-host Jack Dupell aka Boy Wonder host *The Rock Show* featuring a plethora of antics, laughs, contests, prizes and all types of rock music; the same duo offers an all political talk show called *The Patriot*.

Sean Mahoney (aka DJ Hones) hosts *On the Live Wire*, a talk show featuring a variety of topics. Jason "Rexx" Sokoloff with co-host Mike host the *Mike & Rexx Show*, featuring sports talk. Kris "K-dog" Harvey hosts the *Sunday Night Special* featuring rock, country, contemporary, and whatever's good. DJ Natural and DJ Apathy host *The Session* featuring

Hip-Hop and Rap music. George Robert "Robbio Robbio" Hicks hosts *Old School Hour* and *The Rap Set* playing old school hip-hop, R&B, and rap.

DJ Ryan Lynch hosts *Lynch* featuring a continuous mix of hip-hop, rap, and jams. Jordan "The Great" Scott hosts *Jordan's Radio* featuring metal and rock & roll. Robin Anderson with co-host Jim D'Agenas host *The Hot Spot* featuring all rock. Alberto Banos (aka DJ Gotrek) hosts *Gotrek* featuring Spanish Pop and Euro-Techno music. Joe Leather hosts his own untitled show featuring a continuous vinyl and CD mix of Electronica with guest musicians. Yours truly "DJ Method" hosts "Underground Frequencies" featuring a continuous mix of the most popular sounds of electronic dance music.

Below is a chart listing of all of our show times. You can listen online by going to [www.db.erau.edu/campus/student/weru](http://www.db.erau.edu/campus/student/weru). Thanks for tuning in!

Time	Sun	Mon	Tue	Wed	Thu	Fri	Sat
9a-10a							
10a-11		On the Live Wire		On the Live Wire			Cereal Killers
11a-12p							Cereal Killers
12p-1p		Buck Eighty Show	Durst	Buck Eighty Show	Madness Music	Buck Eighty Show	Juicy Jake
1p-2p			Mike and Rexx		Mike and Rexx	Old School Hour	Juicy Jake
2p-3p		What's The Deal	Mikey and Carl Hr			What's The Deal	Juicy Jake
3p-4p			Radio Free Riddle		Radio Free Riddle		The Rap Set
4p-5p		Jmy Joe		Jordan's Radio	Durst	Jordan's Radio	
5p-6p		The Hot Spot	DJ Gotrek	The Hot Spot	DJ Gotrek	Jordan's Radio	
6p-7p		The Rock Show		The Patriot	The Canadian	The Rock Show	
7p-8p			Metallus Maximus		The Metal Attack	Pun/X	
8p-9p	"K" Dog	Underground Freq	Metallus Maximus	Underground Freq	The Metal Attack	Pun/X	
9p-10p	"K" Dog	Lynch	David Somers	Underground Freq	Joe Leather	Pun/X	The Session
10p-11p	David Somers	Lynch	David Somers	Joe Leather	Joe Leather		
11p-12a	Lynch						
12a-1a							

## Scary Movie 3



TNG Movie! Thursday @ 8:30

TNG Movie! Thursday @ 8:30

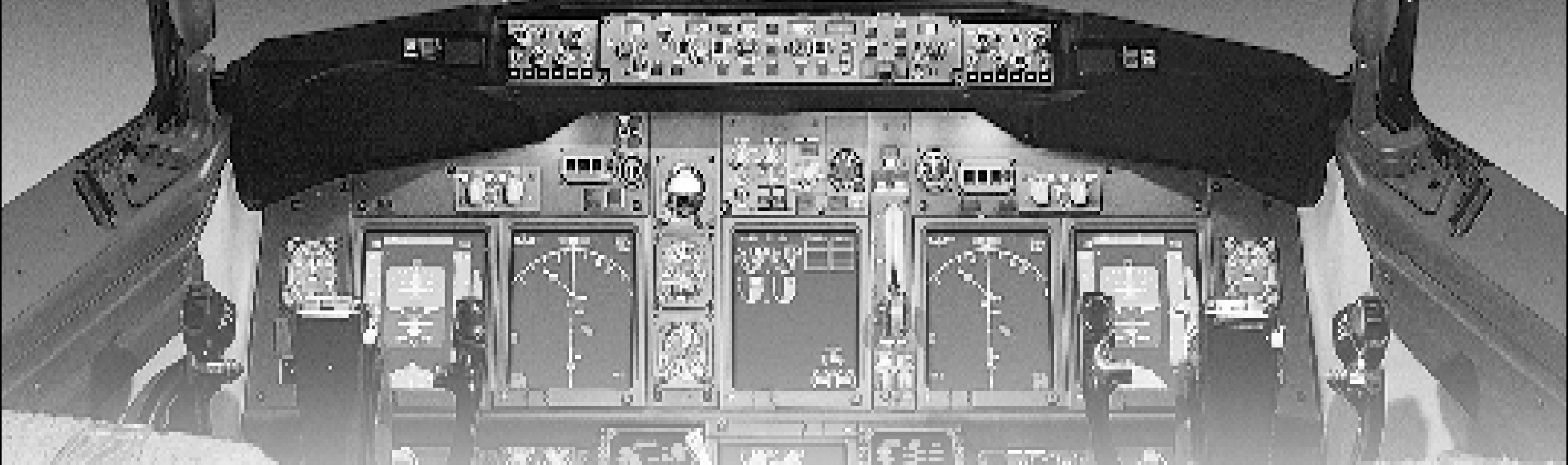
TNG Movie! Thursday

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## ERAU College Democrats

Majid Vasigh  
College Democrat

Contrary to popular belief, everyone at Riddle is not an ultra-conservative.

We believe in fiscal responsibility? In smaller government with less beauracracy? Fighting corporate scandals? Think this President represents that? As Lee Corso would say, "Not so fast, my friend." The College Democrats urge you to come out and hear what we have to say. Be a part of a club that will contribute posi-

tively to our campus. This, our first semester, has gotten off to a great start.

Several of our members attended the protest at the Bush Campaign 2004 Florida stop, wholeheartedly funded by our tax dollars, also known as the Daytona 500.

Also, soon we will screen an independent film that drops the bomb on Gulf War II; pun intended. We will work closely with local political groups and politicians to actively engage younger voters and help democratic ideals. Most importantly, though,

we'd like everyone to vote.

Together with the community outreach arm of the Volusia County Elections office, we are organizing a voter registration drive to enable ERAU students to vote while in school this November without having to go through the hassle of absentee ballots.

The country's eyes will be on Florida this election year; please do your duty and vote in 2004. We meet in building A every Thursday at 5 p.m. For more information, please visit [www.eraucollegedems.org](http://www.eraucollegedems.org).

## Alpha Xi Delta

Lauren Jakobsen  
Alpha Xi Delta

And the highest bid went for -- AMANDA GREGORY! For \$200 Amanda was sold to the PIKES. She will enjoy a lovely dinner with all 50 of them. Go Amanda! Also sold for a pretty penny were: Vicki, Jamie, Carrie, Ashley, Iris and Adelle.

Hope everyone enjoys their dates. Up 'Til Dawn was able to raise over \$2,000 for the St. Jude Children's Research Hospital.

BINGO went off with out a hitch. Saturday was the big event and we raised over \$400 for the Children's Advocacy Center here in Daytona Beach.

There were many prizes awarded such as .. Wal-Mart gift cards, a free airbrush tanning session and a dinner for two at Carrabba's Italian Grill were some of the best freebies for

our winners. Thanks to all of the AZD alumni who came out to support us. We loved having you here.

Last week was big/little "gift" week. New Members of Alpha Xi Delta were matched up with "secret" big sisters, who, every day for one week, surprised them somehow with a new gift.

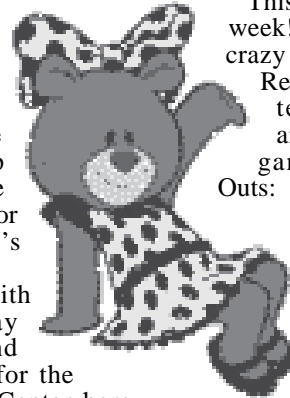
This is everyone's favorite week! (Carli - don't get too crazy with Tammy's "gift").

Revealing of the big sisters was done during an Alpha Xi Delta only game of bingo. Shout Outs:

Congratulations, Jaime, on your engagement. We are all happy for you. Tammy, congratulations on being lavaliered!!

Sarah got an internship with Boeing in Seal Beach California. We are all going to miss you!

Hey "Fluffer", congratulations on becoming a sweetheart for Sigma Pi!! You'll be a great sweetie!



### Campus organizations available to you:

#### Aviation/Aerospace

- American Institute of Aeronautics & Astronautics
- Eagles Flight Team
- Future Space Explorers & Developers Society
- International Society of Air Safety Investigators
- Mars Society
- Ninety-Nines, Inc.
- Society of Civil Aviation Technicians
- Sport Aviation
- Women in Aviation, International

#### Ethnic/Cultural

- Ascendants League
- Caribbean Students Association
- Indian Students Association
- Korean Students Association
- Latinos Unidos
- Hawaii & Pacific Ohana Association
- German Club

#### Honor Society

- Alpha Omicron Alpha
- Omicron Delta Kappa
- Honor Society
- Sigma Gamma Tau (Aerospace Engineering)
- Sigma Pi Sigma (Physics)
- Sigma Tau Delta (English)

#### Military

- Arnold Air Society
- Eagle Wing
- Naval Aviation Club
- Scabbard and Blade
- Semper Fidelis Society
- Veteran's Association

#### Professional/Academic

- American Association of Airport Executives
- American Society of Civil Engineers
- Association for Computing Machinery
- Human Factors and Ergonomics Society
- Mathematical Association of America
- I.E.E.E.

- National Society of Black Engineers
- Order of Omega
- Robotics Association
- Society of Automotive Engineers
- Society of Physics Students
- Society of Women Engineers

#### Service

- Alpha Phi Omega
- Circle K International
- Up till Dawn

#### Special Interest

- Amateur Radio Association
- Anything Goes Anime
- Art Club
- Culinary Club
- Embry-Riddle Resident Student Association
- GALBA (Gay-Straight Alliance)
- Gamer's Guild
- The Green Party
- Model United Nations
- Muscle Car Association
- Music Company
- Pep Band
- Red Rope
- Riddle Players
- Riddle Riders
- Scuba Diving Club
- Silver Wings
- Southern Crosswinds
- Sport, Compact & Import Car Club
- Student Alumni Association
- Study Abroad
- Vintage Life Club
- Weather Club
- Wild Riders
- Triathlon Club
- Water Sports Club
- Wrestling Club

#### Religious

- Catholic Student Union
- Christian Fellowship Club
- Fellowship of Christian Athletes
- Shelanu Jewish Club
- Muslim Student

- Karting Club
- Kickboxing Club
- Lacrosse Club
- Rock Climbing Club
- Skydiving Club
- Stormriders Surf Club
- Swim Club
- Tae Kwon Do Club
- Triathlon Club
- Water Sports Club
- Wrestling Club

#### Fraternity/Sorority

- Alpha Eta Rho
- Alpha Phi Alpha
- Alpha Phi Delta
- Alpha Xi Delta
- Delta Chi
- Delta Sigma Theta
- Kappa Alpha Psi
- Lambda Chi Alpha
- Omega Psi Phi
- Phi Delta Theta

- Sigma Alpha Epsilon
- Sigma Chi
- Sigma Pi
- Theta Phi Alpha
- Panhellenic Association Interfraternity Council
- Pi Kappa Alpha

### Anyone for a plane wash?



SHYAMAL ADDANKI/AVION

THE SPORT AVIATION CLUB held a plane wash Saturday afternoon. The club traveled to local hangars and individual aircraft owner's homes to scrub planes clean.

## Alpha Phi Delta still rushin'

AΦΔ Member  
Alpha Phi Delta member

The brothers of AΦΔ have participated in some interesting activities recently. In December, we met in Daytona Beach with Vince Verdile, Governor of the AΦΔ Florida District.

The purpose of the meeting was to improve chapter procedures and rituals. Elections for fraternity offices were held with the following results: Jake Ruehl-Pion, President; Alex Gurley,

Vice President; Rehman Ukani, Secretary; Matt Colburn, Treasurer; Mike Piersimoni, Rush and Pledge Master; and William Labonville, Historian. Rehman Ukani, Mike Piersimoni, and Jake Ruehl-Pion attended the IMPACT Greek retreat in Leesburg, FL on Jan. 23-25.

The purpose of the retreat was to promote cooperation and friendship among members of the ERAU Daytona Greek Community. In addition, all AΦΔ brothers attended the IFC's Leadership Conference Tuesday, Feb. 24 in the

Gale Lemerand Auditorium.

Rush is continuing throughout the semester. AΦΔ brothers meet weekly on Thursday evenings at the Crazy Coyote Sports Bar on Beach Street in Daytona for dinner and libations.

We invite friends and potential brothers to join us. Contact Mike Piersimoni at 386-334-8633 to learn more about our fraternity and the meeting times.

Congratulations to Brother Jason Freedman, who received his B.S. in Aerospace Engineering at the December graduation ceremony.



PHOTO COURTESY OF ALPHA PHI DELTA

AΦΔ BROTHERS WITH VINCE Verdile, Governor of the Florida District. Bottom Row Left to Right: Jake Ruehl-Pion, Matt Colburn, Jason Friedman, and Rehman Ukani; Top row left to right Vince Verdile, Mike Piersimoni, Alex Gurley, Rokney Rogers (Chapter Advisor).

## SIAA follow-up

Khoi Nguyen  
Staff Reporter

With Valentine's Day coming once a year, members of Singapore International Aviation Association hoped to start an annual tradition by selling flowers around the Embry-Riddle campus community.

Two weeks ago, the organization had a very successful flower sale after a large majority of students and staff members ordered something for the celebrated day.

According to Events Director Edward Van Ness, "We were surprised by the number of students who thought ahead and ordered flowers from us two weeks before

Valentines Day." SIAA members hoped that all their customers were extremely satisfied and will order something again next year.

Furthermore, says that all the organization's members dedicated countless hours in preparing, delivering and distributing the Valentine's Day flowers.

SIAA hopes to have and sell more flowers next year and offer more competitive prices. While the organization had high standards for their group, SIAA continuously strives to be the best organization possible.

Thus, Ness said, "We would like to thank our Advisor, Dr. Peter Ragan, and all the SIAA members who made this event possible."

## Hawaii & Pacific Ohana

David Mueller

### Hawaii & Pacific Ohana

Imagine a place so tranquil birds are issued noise citations for singing. Imagine a place where water cascades down beautiful, jagged cliffs. At the bottom of the cliffs, the water empties into the crystal blue ocean surrounded by pearly sand. If you can imagine such a place, then you may start to understand why Hawaii is paradise.

But hey, who are we kidding? Hawaii goes way beyond the image portrayed by the Hawaii Visitor's and Convention Bureau! The islands support a vibrant and bustling industry, from technology to agriculture to tourism! The local culture is one of the most unique in the world, blending influences from cultures all over the world into one.

The state supports a truly unique aviation community, one that has the highest per capita use of air transport than any other state in the union. Even Mother Nature loves getting in on the action: Kilauea is the most active volcano in the

world, spewing up to 600,000 cubic meters of lava every single day!

Enter the Hawaii and Pacific Ohana: As one of the newest clubs on campus, we are dedicated to bringing a little slice of paradise to Embry-Riddle. A few weeks ago, we delivered one of the most popular Hawaiian treats to the campus community with great success: chocolate covered macadamia nuts!

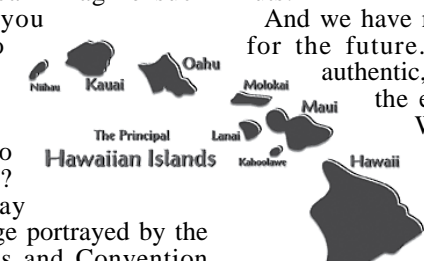
And we have much bigger plans for the future. We will bring authentic, incredible luaus to the entire community!

We will embark on trips to connect with other university Hawaii Clubs! And, we will build bridges between the university and

Hawaii an industry! Want to join the university's newest, happening organization? Or, perhaps just get more information? Email [muell7a2@erau.edu](mailto:muell7a2@erau.edu) or call (386) 767-6494.

Meetings are held Tues. at 6:30 p.m. in A107.

And remember, you don't have to be Hawaiian to join, just Hawaiian at heart! Come check us out!



**VISIT STUDENT ACTIVITIES FOR UPDATES ON CAMPUS ORGANIZATIONS**

## RAH-66 Comanche cancelled due to cutbacks

Mark Soppet  
Staff Reporter

General Peter Schoomaker, U.S. Army Chief of Staff, announced the cancellation of the RAH-66 Comanche armed reconnaissance helicopter on Feb. 23. This is the second major cutback for the army during the current administration, following the Crusader artillery system.

The stealthy Comanche's termination is also one of the costliest in Defense Department history; \$8 billion has been spent during the life of the program, and between \$2 billion and \$4 billion must be paid to contractors Boeing and Sikorsky in cancellation fees. However, the \$14.6 billion that was earmarked to build 121 Comanches between 2004 and 2011 will now be applied towards purchasing additional helicopters,

particularly the UH-60 Blackhawk. The cancellation will be most painful for Sikorsky, particularly for the 400 employees of Sikorsky's newly-opened Bridgeport, Connecticut plant where Comanche construction was scheduled to take place. Boeing may actually benefit in the long term because the cancellation creates a need for more Boeing-built AH-64 Apache attack helicopters.

General Schoomaker stated that the Comanche, long-viewed as a troubled project, was not relevant in the current military environment. Moreover, it would need extensive modification to regain an advantage over the newest generation of missiles and anti-aircraft artillery. Its role will be filled by upgrading existing helicopter designs and buying unmanned aerial vehicles (UAVs) such as the Hunter and Raven.

In 1983, the Army created the Light Helicopter Experimental (LHX) program to replace the OH-58 Kiowa scout helicopter and AH-1 Cobra attack chopper. By 1988, the teams of Bell-McDonnell Douglas and Boeing-Sikorsky had arrived at designs to meet the requirements. Boeing and Sikorsky won the contract to build the LHX, now known as the RAH-66 Comanche, and their design took flight on Jan. 4, 1996.

The RAH-66 program had been subjected to cutbacks since its inception. The Army originally planned to buy 4,292 Comanches. By Sept. 2002, this number had fallen to 800, with UAV's being used to augment the Comanche's abilities. These cutbacks forced the aircraft's per-unit price to rise from \$12.1 million to \$58.9 million.

The author would like to acknowledge Bill Gertz and Jefferson Morris for the report.



PHOTO COURTESY WWW.FAA.ORG

RAH-66 COMANCHE STEALTH HELICOPTER program, built for surveillance and attack, was cancelled following the Mar. 23 announcement of the program's cancellation due to its lack of cost effectiveness.

## Open skies treaty USAF: next generation of weapons

### Negotiations underway to update old act

Chris Noth  
Staff Reporter

In an attempt to update a 1995 act, the Bush Administration is renegotiating open skies treaties with Canada and the European Union. The proposal before the Canadian government focuses on route sharing within the two nations; the proposal before the European Union deals with Atlantic routes, but focuses more on liberalizing foreign ownership of domestic airlines.

The Canadian government is anticipated to agree to the American proposition. Air Canada CEO, Robert Milton, is a key backer of the American proposal. Air Canada spokeswoman Laura Cooke told the press, "At every opportunity, Mr. Milton has advocated further liberalization and greater

integration of our aviation market." Economists point out that tourism and travel markets soared in both nations after the route deregulation of 1995. The Canadian transport minister is especially interested in the proposal, because it could "Position Canada as a North-American gateway."

Questions of acceptance are pointed in the other direction for European negotiations. According to the European Union's transportation commission, the U.S. has not addressed many European interests, like ferry flights in the U.S. The proposal does include raising foreign ownership limits on American air carriers to 49 percent, from 25 percent. Michel Ayrat, European Union Director of Transport, said that while he is still not satisfied with the proposal, that negotiations have made "significant progress." Lead U.S. negotiator, John Byerly stressed that while the European Union is calling for "more than" the U.S. proposal, a full agreement will be worked out. Byerly also said the U.S. would like to reach an agreement by summer. Brussels will host the next round of talks March 29.

Mohammad Ali Siddiqui  
Staff Reporter

Operation Iraqi Freedom displayed the awesome power of the U.S. Air Force, but also pointed out some important shortcomings, particularly the large dependence on British Harriers for close ground troop support. Stemming from several other shortfalls during the war, planners are busy incorporating their new weapons wish list into the 2006 fiscal budget request. In addition to the renewed interest in the F-35B STOVL (short take off and vertical landing) version of the Joint Strike Fighter and the FB-22, the USAF wants to upgrade all existing aircraft and also receive money to develop new combat search-and-rescue copters.

The STOVL F-35B would open up air bases that were previously deemed unusable due to short runways and would also let the Air Force operate much closer to ground forces. Speaking of the tactical air sorties flown

by the British Harrier Aircraft, General Hagee, a U.S. Marine corps commandant, lauded the direction the Air Force planners were taking. He said "... They were able to go into forward arming and refuelling points—small spots of road in the desert; re-arm and refuel and go back up and provide close air support to those troops. That allows you to generate a lot more sorties. The JSF STOVL version will give us that capability, plus longer legs and stealth." JSFs will eventually take on the Air Force's close air support missions, although, in the interim some A-10s will be enhanced to continue the role. Other A-10s will be retired to free up funds to upgrade the remaining aircraft.

The Raptor has ascended into aviation history after attaining the F/A-22's 5000th hour of safe, successful flight on Feb. 9, 2004. Maj. Jim Dutton, F/A-22 Combined Test Force pilot, reached the 5,000 hour mark while flying a developmental mission in the skies over

Edwards Air Force Base. "This is a tremendous milestone for the program. It's a testimony to the extreme dedication and hard work of the maintenances, engineers and other CTF personnel who make these sorties happen."

Lockheed Martin, with the support of Air Force Secretary James Roche, has quietly been designing a long range strike variant of the F/A-22, called the FB-22. It would have a 600-1600 nautical mile range, super cruise at altitudes approaching 60,000 feet and carry 30 or more small-diameter bombs. Plans for the FB-22 are still some way from finalization, Air Force officials said. A similar program is the X-44 MANTA; (multi-axis no tail aircraft) a modified delta-winged F/A-22 which uses vectored thrust as its sole means of control. The X-44 will prove a number of advanced concepts in our understanding of flight physics. It has no rudders, stabilators or ailerons. This will be a revolutionary new aircraft.

Major Air Force contractor

Lockheed Martin plans to avoid any contingency upgrade plans drawn up by the Air Force, by keeping the F/A-22 testing on track. Software reliability is topping the 5-hour error-free-run level required by the Pentagon.

The Air Force is also eyeing the possibility of upgrading its F-15Es with active electronically scanned array radars and radar enhancements for the F-15Cs to allow them to conduct ground-to-air missions. Secretary Roche also argued for the need to move forward with a long stalled plan to replace HH-60 combat search-and-rescue helicopters. The next budget drill would also serve as an opportunity to address the standoff jamming requirements of the EB-52 electronic attack bombers. This comes hand-in-hand with the acquisition of the E-10A multi-sensor command and control aircraft and the KC-767 tanker program, both of which might face indefinite suspension due to efforts at fiscal restraint.

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## DVD copying illegal in Calif.

Timothy Hatcher  
Staff Reporter

DVD copying may soon be nixed out of existence. A Lower Northern District Court Judge of California recently declared DVD copying to be in violation of section 1201 of the Digital Millennium Copyright Act (DMCA). The lawsuit sites a company, 321 Studios, who manufactures the software DVDXCOPY, has been ordered to stop selling its software within seven days because it is in violation of the DMCA. However, the lawsuit is far from over however.

321 Studios' President Robert Moore has declared the company will appeal the ruling and seek to stay the injunction, stating its software applies under

the principle of fair use.

Fair use is defined as "The right set forth in Section 107 of the United States Copyright Act, to use copyrighted materials for certain purposes, such as criticism, comment, news reporting, teaching, scholarship and research."

Section 107 sets out four factors to be considered in determining whether or not a particular use is fair: (1) the purpose and character of the use, including whether such use is of commercial nature or is for nonprofit educational purposes; (2) the nature of the copyrighted work; (3) the amount and substantiality of the portion used in relation to the copyrighted work as a whole; and (4) the effect of the use upon the potential market for or value of the copyrighted work. This definition was provided by Yale Law School.

321 Studios is defending its right to manufacture software that circumvents all of the security put in place on DVDs to prevent copying because Hollywood wants to prevent illegal sales of copies of the DVDs.

While this is good in fact that the studios are not being ripped off because of piracy, DVDs are fairly easily damaged.

Parents of kids that want to watch their Disney movies have to buy a new DVD every time that the kid decides to make a peanut butter and jelly sandwich out of the DVDs instead of making a copy for 69 cents and giving them the copy to watch.

Although 321 Studios is seeking an injunction, they are fighting a losing battle to the very deep pockets of Hollywood.

## Tour Egypt with IBM's help

Jonathan Mettin  
News Editor

The Sphinx still has its nose and all the gold is still in Tutankhamen's tomb in Eternal Egypt, an interactive web site launched last week by IBM and Egypt's Ministry of Communications and Information Technology.

"Eternal Egypt marries technol-

ogy and culture," said Ahmed Nazif, Egypt's Minister of Communications.

"We have long realized the importance of information technology in preserving such a great heritage. Egypt owes it to the world to make sure it is preserved."

Eternal Egypt is the result of three years of work, thanks to the result of a \$2.5 million grant from IBM.

The project also involves hand-held digital guides to the Egyptian Museum and Internet tours of several landmarks accessible through cell phones and PDAs. The center of the project is the website, dubbed "a museum without walls," and is available in English, Arabic and French. With maps, timelines and 3-D images, the site can be searched through a variety of means, such as topic and time period.

Egypt hopes the site will draw more tourists - a major source of revenue for the country.

The website for Eternal Egypt is [www.eternalegypt.org](http://www.eternalegypt.org).



COMPILED BY MICHAEL PERSTIN AND DARRIN O'BRADY

## HP adopts 64-bit AMD chip

Timothy Hatcher  
Staff Reporter

In a highly anticipated move in the computing industry, Hewlett-Packard Co., the world's largest personal computer manufacturer, has decided to use AMD Opteron processors in their ProLiant series servers. Although HP will still be selling their Blade and ProLiant servers with the Intel Itanium chips, the 64-bit AMD Opteron processor is significantly cheaper and performs at the same level, if not better in some cases, as the very expensive Itanium chips.

This move mirrors that of IBM and Sun Microsystems who were already using the AMD chips as of their releases last year. Other companies such as Dell Inc. are still a

bit leery of selling the AMD based computers because their customers were not interested in them.

HP has always been a strong Intel supporter and plans to roll out the 64-bit ProLiant servers later this year when the chips become more widely available.

These 64-bit processors live up to their namesake, processing 64 bits of information at a time as opposed to the 32 bits of the x86 standard, Pentium 4s and Athlon XP's. The AMD Opteron, unlike that of the Intel Itanium, is both 64 bit and 32-bit compatible, so no special software is required should the user want to run a 32-bit application instead of moving to a completely 64-bit environment that Windows does not currently support but was promised around the end of this year.

Currently the AMD Opteron costs

around \$150 to \$1500 on the market. The Intel Itanium chips are not yet available to the general public, so getting your hands on one would require buying a server from Sun, HP or IBM. The Intel chips will probably become available once the 64-bit operating systems hit mainstream in a year or so.

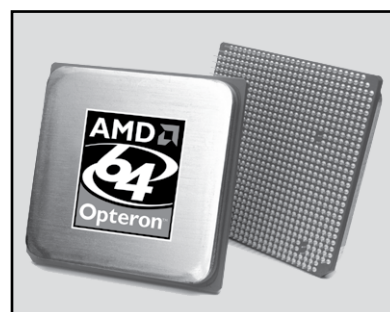


PHOTO COURTESY WWW.AMD.COM

## Barring cell theft

Amanda Emmerling  
Staff Reporter

The Global System for Mobile Communication (GSM), trade association for mobile operators announced, that they, along with leading manufacturers Nokia, Sony Ericsson, Siemens, Motorola, NEC, Panasonic and Sagem, are taking drastic measures to cut down on mobile phone thefts occurring worldwide.

Their plan to stop mobile phone theft from occurring is to hardwire codes into cellular phone handsets. These codes called International Mobile Equipment Identities (IMEI's) are going to be used in order to try and maintain stolen cell phones' codes.

The new plan is to post the

codes from stolen cellular phones in an international database to be blacklisted. From that point cellular phone service providers can use the blacklist to make sure they don't provide a connection in their networks.

Problems are still possible with the introduction of IMEI's in that some thieves can often reprogram the codes before the phone is resold.

To try and deter this from happening, the GSM is introducing new legislation to make IMEI programming illegal.

GSM is aware that cellular crime rates are on the rise across the world. With this new plan of IMEI's, they are hoping to have all cellular providers join in.

A GSM spokesperson said, "Taking it global would be a serious deterrent to organized crime."

## OSGW: Battletoads

Mark Soppet  
Copy Editor

Battletoads put you in control of Rash or Zitz, two fighting-mad frogs on a mission. You must save the Princess and your buddy Pimple from The Dark Queen.

In the game, you would beat the snot out of rats while acquiring weapons and eating flies. Your toad also rappelled down a mineshaft and sped along on a motorcycle at breakneck speed while dodging obstacles. Overall: mad, bad and crazy!



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## China unveils space plan

Levi Jordan  
Staff Reporter

China has announced recently that it plans to follow up on its historic manned mission last year with a new week-long mission in 2005 involving two astronauts. China also said it plans to construct a space station in addition to landing a man on the moon.

The main architect of China's secretive manned space program and winner of China's annual State Science and Technology award, Wang Yongzhi, said recently that preparations for the launch of the two-person Shenzhou VI craft were proceeding smoothly.

The Shenzhou VI is the successor of the now-famous Shenzhou V which carried solo astronaut Yang Liwei through fourteen orbits of the Earth over a 21-hour period last year. The name Shenzhou means "Divine Ship" in Chinese.

Previous reports by the China New Service indicated that China was aiming to launch three people into space aboard the next Shenzhou mission. "We will continue by launching Shenzhou VII, Shenzhou VIII and so on, carry out spacewalks, make space dockings and set up a space laboratory," Yongzhi said.

He also gave some details of the plan by saying that astronauts would stay aboard the orbiting laboratory for short periods, with spacecraft ferrying them back and forth. That space station would eventually be replaced by a much



larger space station capable of carrying out more extensive experiments.

Currently China has 14 trained astronauts, including Yang Liwei. They have been placed into seven pairs to train for the upcoming

mission and eventually three of the seven pairs will be selected as finalists for the mission. China is currently preparing to select and train new astronauts since all fourteen Chinese astronauts are over the age of 30.

## Cassini nears Saturn

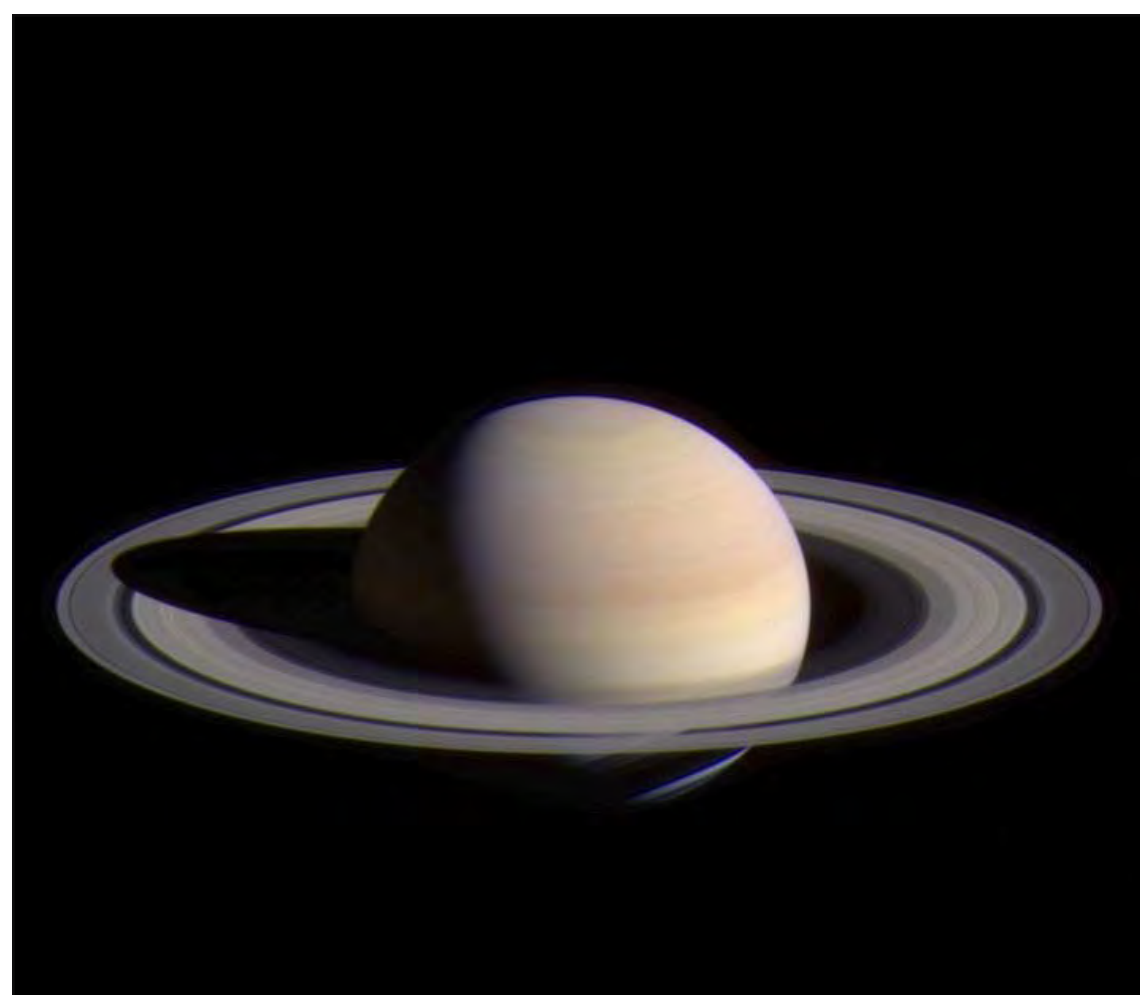


PHOTO COURTESY NASA

**CASSINI TAKES SHOTS OF** Saturn as it approaches the ringed planet. The probe is supposed to arrive at its destination by early 2005. When it will be captured by Saturn's gravity, it will head toward Titan, the only moon in our atmosphere, and launch a probe to the surface.

## Space News Updates

Compiled by Alex Sidorov

### Space walk trouble

On their first space walk, the crew of ISS, Alexander Kaliri, one of the two people aboard the ISS, had problems with his space suit. The thermal and humidity controllers failed.

The astronauts were ordered inside the station after initial attempts to correct Kaliri's problem failed.

Michael Foale did not report any problems during the space walk.

Despite the glitch, NASA lauded the results of the space walk, which showed that leaving the station empty is not as dangerous.

### Comet lander

Ariane 5 launch, carrying European comet lander was delayed for the second time.

The rocket was supposed to be launched January 2003 and was cancelled due to reliability issues. The delay forced European Space Agency to find another comet.

The probe was supposed to be launched on Feb 26, but was delayed again because of problems with the launcher.

The rocket had a piece of its thermal protection fall off the cryogenic tank.

ESA is looking to launch the Ariane March 17, at most.

### Moon rock returned

NASA returned a Moon rock to Honduras give to the nation by President Richard M. Nixon in 1973.

The rock was brought to Earth by Apollo 17 astronauts and disappeared sometime between 1990 and 1994. It was found in 1998 in a sting operation in US.

For four years after reclaiming the rock, NASA battled over the ownership.

The rock will be displayed Centro Interactivo Chiminike in Tegucigalpa.

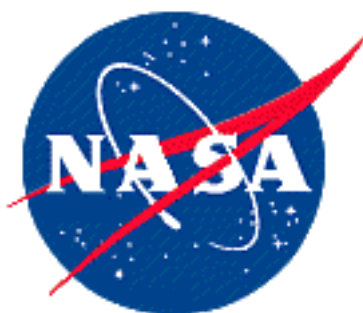
## Mars' wet past unclear

Mike McGraw  
Staff Reporter

Scientists may not know exactly what it is they are seeing, but they are unanimous in their excitement over the microscopic photographs of Martian rock take by the rover Opportunity.

The robot geologist has been examining the surface of a rock dubbed "El Capitan" and sending back images and analysis of its findings.

When speaking on the findings, mission official Rob Manning said,



"They are just very beautiful things and it's not at all clear that we understand what we're looking at."

The mission of the Opportunity and its twin, Spirit, is to determine

whether Mars was once a wetter place where life could have lived. Another debate that has been raised is whether layered rock found on the surface was formed volcanically, through sediment deposition, mineral growth, or because of wind.

However, the team of scientists isn't yet ready to comment on their findings, and it is uncertain as to when they will do so. "There is a lot of information in the pictures they have been looking at," said Manning.

## Black hole devours star

Jonathan Mettin  
News Editor

Scientists have caught a rare glimpse of activity near the surface of a super-dense neutron star. A massive cosmic eruption of the star, named 4U 1820-30, took place 25,000 light-years from Earth and emitted more energy in three hours than the Sun does in 100 years. A neutron star is a highly dense star, packing the mass of our Sun into a sphere only 10 km in diameter. Its core is almost entirely neutrons, which can be packed closer together than atoms.

A neutron star uses its high gravitational force to take hydrogen and helium from a companion star. The atoms spiral toward the neutron star in what is called an "accretion disk."

According to David Ballantyne from the Canadian Institute for Theoretical Astrophysics at the University of Toronto, the disk appears around the neutron star much like the rings appear around Saturn, just thicker. He then added in a larger, balloon-like shape to represent the feeder disk, and had the two cosmic objects orbiting each other.

The arriving elements collect on the surface of the neutron star, kept under pressure by a gravity pull roughly 300,000 times that of Earth's surface. Every few hours, the coating flares in a thermonuclear fusion reaction. While these regular burst last minutes at most, the carbon ash they create precipitate "superbursts" every year or two when it resettles on the surface, eventually piling almost 100 meters high. This superburst lasts for hours and is three thousand times as potent as a regular burst.

NASA's Rossi X-ray Timing Explorer happened to be monitoring 4U 1820-30 when the superburst took place. The explosion

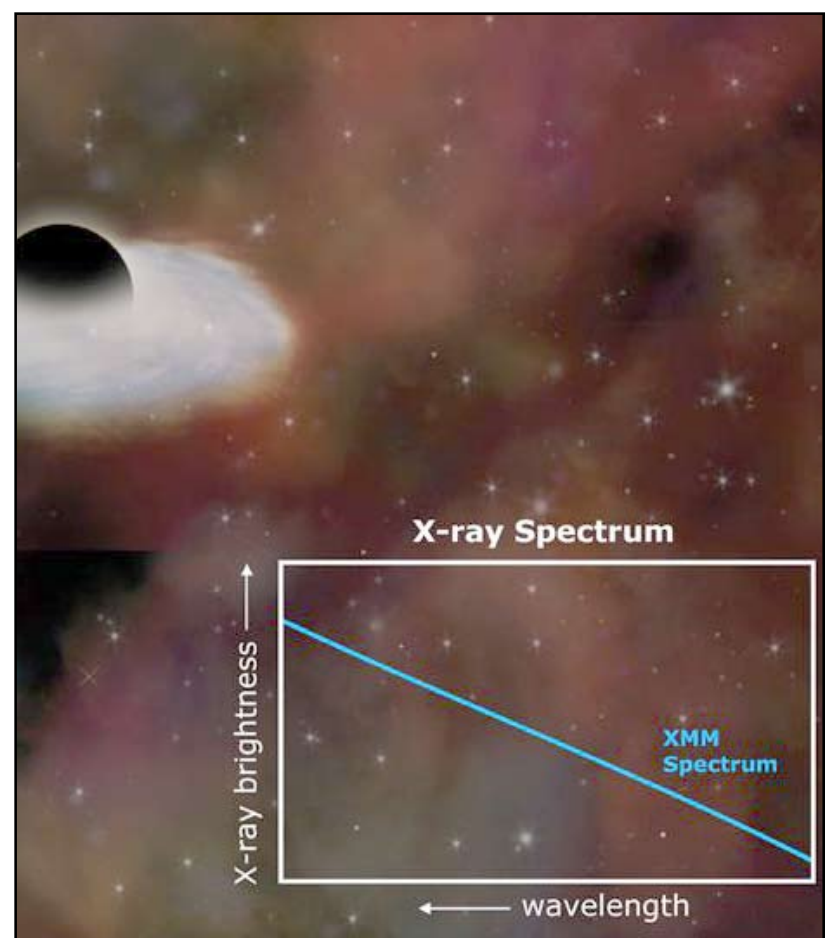


PHOTO COURTESY NASA

**A BLACK HOLE SWALLOWS** star 4U 1820-30, resulting in massive amounts of X-rays and other radiation being emitted, showing that a star is being ripped apart.

illuminated the accretion disk from above and below as radiation shot outward, which also heated the mass in the disk, causing it to expand and push the inner layers of the disk outward. The observations showed changes in structure and movement of the disk down to about 20 kilometers above the star's surface – a very significant finding, considering the massive force of gravity at that close proximity.

"This is the first time we have been able to watch the inner regions of an accretion disk, in this case literally a few miles from the neutron star's surface, change its structure in real-time," Ballantyne said.

"Accretion disks are known to flow around many objects in the universe, from newly forming stars to the giant black holes in distant quasars. Details of how such a disk flows could only be inferred up to now."

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## THE AVION ONLINE

returns to the World Wide Web. View all the content of *The Avion* newspaper plus a weather page and archives of past issues. Also submit letters to the editor, or request information on placing ads and classifieds. A great way to keep up-to-date with events on campus, even when you are away.

## HELP WANTED

Job postings provided by Embry-Riddle's Student Employment office. Any questions regarding job postings should be directed to Student Employment at 226-6320 or room 112 in Spruance Hall.

Flight Instructors, PT & FT with Epic Aviation at NSB airport. \$15/hour. Call Danny or Frank at (386)409-5583 for an interview. Job ID #2844

Office & Shipping clerk needed by beachwear company on beachside. Office work and packing beachwear for shipment, Computer work, answering phones, etc. Call Sue or Linda Immediately at 255-2690. Job ID #2843

Chemistry Lab Asst for Physical Sci Dept. Call Marlene Coslow x7022

## HELP WANTED

Work mornings, part time, for Mediatech. They are hiring administrative Assistant/Technical Writer. Located in Holly Hill. Need working knowledge of Microsoft Office appl (MS Word, Excel, etc.) in MS Windows environment. \$7.50/hr Call Mr. Riley at 258-9958. Job ID #2838

**Tutor needed**  
MBA grad student needs immediate assistance with BA511/operations research. Tutor must have taken this course and/or have working knowledge of quantitative methods pay for time spent. Call Brock at (386)760-8292.

Local real estate office needs assistant to real estate executive. Must have good computer skills, be organized and have Positive attitude w/good communication skills, experience with digital camera and imaging. Database management, word processing, etc. Job ID #711

Work in an ice cream shop on the beachside. Baskin Robbins hiring part time counter help, flexible hours, will work with Your school schedule and will train. Customer service attitude helpful. Can work afternoons, evenings and/or weekends. Call Richard at 258-1666. Job ID #2845

Beachside pub needs security workers, some shift work between 7pm and 3am. Several openings. Apply in person to The Oyster Pub, 555 Seabreeze Blvd., or call 255-6348, ask for Kelly. Job ID #881.

## Avion Classifieds

**\*If you do not see your advertisement in this issue, please contact the Avion Staff at (386) 226-6049.**

**\*The Avion runs classified ads for 2 weeks. If you would like your ad to run longer, you will need to fill out a classified form again.**

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**\*To place an ad, visit the Avion in the John Paul Riddle Student Center (Suite 280)**

## The Comic Editor's Campus Comic of the Week

Unfortunately for me, the last line is all too true.... pathetic, isn't it?



## STRANGE BUT TRUE...

Police in Radnor, Pennsylvania, interrogated a suspect by placing a metal colander on his head and connecting it to a copier with wires. The message "He's lying" was placed in the copier, and police pressed the "copy" button each time they thought the suspect wasn't telling the truth. Believing the "lie detector" was working, the suspect confessed.

Richard Millhouse Nixon was the first United States president whose name contained all the letters from the word "criminal." William Jefferson Clinton was the second.

It takes 3,000 cows to supply the NFL with enough leather for a year's supply of footballs.

## On eBay last week...



Looking for that special something for Mom that will say everything you've been trying to say to her? Try this sign for only \$4.



Do you really like George Bush? Well then, this shirt is for you. While more than slightly sacrilegious, this superposition of G.W. on J.C. is sure to get some laughs. Just don't wear it when you go see *The Passion of the Christ*.



by Wes Oleszewski

