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## SpaceWeek will feature student interest in aerospace

Aerospace Society shows four-day space exhibit

By Brian Gamage Aprille Technology Editor

The Embry-Riddle Aerospace dedicated to the peaceful exploration pursuit of space exploration. of space, will present space-related

events and exhibits next week.

This year's effort will be joined by the newly formed Embry-Riddle Future Space Explorers and Developera Society (ERFSEDS), a Society (ERAS), a student group student group dedicated to the active

Every day starting Monday,



An Aerospace Society member runs around a circular track simulating the running exercises performed on Spacelab, the only American space station to orbit Earth.

March 8 and ending Thursday, March 11, the conference room, located in the John Paul Riddle Student Center, will house a display of various space memorabilia, publications and pictures open for public view. The display will include items such as NASA photos, mission patches, models and other items on loan from faculty and students. The two aerospace interest groups invite all students to visit their display. which will be located across from the information desk.

The conference room will be open from 8 a.m. to 5 p.m. on Monday and Thursday, 8 a.m. to 3 p.m. on Tuesday and 9 a.m. to 5 p.m. on

Also each day, the two groups plan to give presentations by their speakers bureaus from 11 a.m. to 1:30 p.m. One of the topics to be presented is the Space Station Freedom, including its development and recent events concerning its

The SpaceWeek events will not be limited to the conference room,

Everyday from 11 a.m. to 2 p.m. on the flight deck, there will be a space trivia contest where students can answer questions about the space program and win various prizes, including posters and NASA



During a recent trip to Space Camp in Titusville, members of the Embry-Riddle Aerospace Society toured the facilities and experienced the many simulators used for early astronaut training. A Society member is harnessed into an apparatus used to simulate the sensations of performing a spacewalk.

Wednesday's SpaceWeek events will culminate with a presentation by Dr. Robert Fleck, professor of astronomy here at Embry-Riddle, who will speak on the topic of astronomy, Dr. Fleck's presentation is scheduled for 7 p.m. in room E-611 and is open to everyone who

During SpaceWeek, Student Activities will hold a glass case contest where the various clubs and in the fields of space exploration, organizations will decorate their cases. The cases will be judged on attractiveness and the extent to ERAS and ERFSEDS to learn about which a positive message is con- the space program and possibly veyed. The winning club will catch a glimpse of where tomorrow

SpaceWeek's purpose is the celebration of mankind's achievements

Everyone is invited to visit the various activities presented by

## ORBITER | UPDATE

Columbia - Columbia Is at Launch Pad 39A where the three main engine turbo pumps have been replaced. Launch of STS-55 is set for 10 a.m. Sunday March 14.

Discovery - Discovery is in OPF Bay 3 being inspected for structural leaks and titted with new tiles. The orbiter is scheduled for rollover to the VAB on Wednesday.

Endeavour - The Space Shuttle Endeavour is in OPF Bay 1 undergoing installation of the Spacehab module, remote arm testing and tile waterproofing.

Atlantis - The orbiter Atlantis is in California for modifications at the Rockwell International plant. Over the next several months Atlantis will be inspected and upgraded.

## NASA study may reduce space dizziness in astronauts

By Mike Dienhart Staff Piaporte

A study at NASA's Ames Research Center in Mountain View,

Dr. Joan Vernikos, the study's never been measured. principal investigator, is researching methods to combat the lightheadedness felt by astronauts returning to Earth-normal gravity.

plasma. Plasma is the fluid part of after taking no medication the blood, without red blood cells.

"The primary purpose of this study is to compare the effectiveness of two procedures that expand plasma volume," said Vernikos, Chief of Ames' Life Science Division.

Without the pull of Earth's gravity astronauts' body fluids shift upward. The body responds to what it perceives as excess fluid and reduces the amount of circulating fluid volume by excreting more urine.

When the astronaut then returns to the gravity of Earth, fluids again shift to the lower extremities. This shift increases the chance of lightheadedness immediately after land-

ing, Vernikos stated.

She hopes to prevent this feeling by finding a reliable and acceptable way to increase plasma volume in

Although space shortle crews rou-California may lead to a remedy for tinely take water and salt tablets just one of the difficulties inherent in prior to re-entry in hopes of negating sending manned vehicles into space. the dizziness, the exact effects have

Vernikos' study involve women and six men ages 30 to 50 years. Plasma volume is measured in each person under three conditions; She believes the dizziness is after taking water and salt tablets, caused by a reduced level of blood after taking a synthetic steroid and

They have had promising results with the synthetic steroid similar to reliable alternative to salt tablets, especially as mission lengths

treat people that experience sudden space.

bouts of low blood pressure when

Responses to the treatments may vary not only by sex, but also with the time of day, Vernikos added. She plans to measure the effectiveness of the treatments during the day and at night.

In addition, Vernikos hopes that the study will add to the limited data about how women adapt to space flight. Although women also serve as astronauts, all data from groundbased simulation studies are derived almost exclusively from men. The studies that have been done on women suggest that they tolerate the lighthendedness as well as men.

"Our purpose is to find the most steroids normally found in the body. effective treatment and the mini-This steroid may provide a more mum effective dose, with the least side effects, for both sexes," she said. "It is very important that we have this information before we test Clinically, the steroid is used to drugs of any kind on astronauts in

"It is very important that we have this information before we test drugs of any kind on astronauts in space."

Dr. Joan Vernikos

## **NASA** readies space technology transfer

AUSTIN, Texas (AP) o commercialize its technology, NASA has hired an Austin business think tank to help it take innovations from the laboratory to the marketplace.

The IC2 Institute at the \$5,4 million grant that will pay for Business Administration. setting up and operating technology commercialization centers at the Johnson Space Center in Houston and the Ames Research Center in Mountain View, Calif.

The centers are expected to be modeled after the Austin Technology Incubator, which IC2 established three years ago.

The two National Aeronauties and Space Administration commercialization centers are expected to nology companies. provide space and services to companies that market products and services based on the space agency's research work.

The centers will attempt to accelerate the technology commercialization process and bolster entrepreneurial activity at the space

In Houston, the center is expected to tap the Johnson Space Center's heavy support of medical

research in space. For Ames, the aunching a three-year experiment focus is expected to be on computer hardware and software, the Austin American-Statesman reported

IC2 is a 15-year-old think tank headed by George Kozmetsky, cofounder of Teledyne Inc. and for-University of Texas will oversee a mer dean of the UT College of

Kozmetsky said the success of the Incubator was a key factor in the selection of IC2 for the project. "NASA considered the lab-to-

market model we developed and currently operate as a pivotal selling point," he said.

The Austin incubator has been cited as an innovator in tapping industry, government and university resources to assist promising tech-

"NASA considered the lab-to-market model we developed..."

George Kozmetsky

Co-founder of Teledyne

## Shuttle Columbia launch date set

By Brian Gamage Space Technology EU/Avr.

Sunday March 14, 1993 has been set as the new launch date for STS-55, the next mission for the Space Shuttle Columbia. The launch window extends from 10 a.m. until 12:30 p.m. EST

The new date was announced after engineers removed, inspected and replaced the high pressure oxidizer turbopumps on Columbia's

main engines. The pumps were changed after a search of paperwork could not determine that the pumps were equipped with the newer version of the turbine tip seal retainers. The newer seals

have more lenient requirements. STS-55 will carry into orbit the Spacelab-D2, when, he seven-member crew will perform a wide range of experiments in the microgravity of space. The mission is dedicated to

the German Space Agency. Once in orbit, the crew will divide into two teams. Each team will work a 12-hour shift so that experiments can be performed around the clock.

The mission is planned to last nine days and will end with a landing at Kennedy Space Center's Shuttle Landing Facility.



The orbiter Columbia, attached behind the external tank and solid rocket boosters, sits on pad 39A. The three main engine turbopumps have been replaced with new ones and the launch is now back on track.

## The edges of science...

#### Wormholes could one day lead to time travel

By Arie Moller Balf Reporter

In last week's installment of The edges of science...

wormholes as transportation were discussed, in this final installment, wormholes as time passages are explored.

Time travel could be accomplished by moving the entrance of a wormhole rapidly. When I mean rapidly, I mean close to the speed of light. How could this be done?

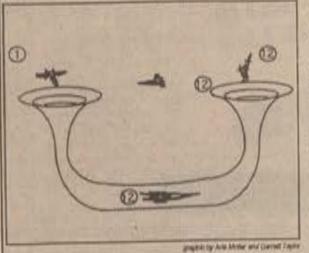


Figure 1

Well it could be accomplished by using a large mass in an orbit around the hole. If sufficiently massive, the object would start the wormhole entrance rotating about a point. If rotated fast enough, say 99 percent of the speed of light, the interior of the wormhole and its entrance would experience a time-dilation. In other words, the time inside the wormhole would proceed forward at a slower rate than the non-accelerated

In fact, if the jump between the entrance and exit of the wormhole is not far, say fifty-five minutes cruising in your spaceship, you could theoretically pass through the wormhole, arrive at the other end and make it back to the entrance in time to witness yourself pass through the entrance. How could this be? Good question.

Let me explain. The wormhole entrance is accelerated from rest. For demonstration purposes, let us assume that this acceleration starts at twelve o'clock. The wormhole mouth is kept rotating at 99 percent of the speed of light for one hour.

According to Einstein's Theory of Special Relativity, an object moving near the speed of light would experience time dilation. Time would progress at a slower rate for the accelerated object relative to a non-acceler-

If the wormhole is accelerated for an hour, the time inside the wormhole would barely budge past noon while the time outside the entrance would read one o'clock, as shown in Figure 1.

see Wormholes, page 88

## 747-400F cargo freighter in final assembly McDonnell Douglas names vice

States Plants States

Boeing's latest new-technology aircraft, the 747-400 Freighter, has contaenacted the final production phase at the manufacturer's huge plant near Everett, Washington.

in final assembly, winglets, engines and dorsal fin are added to of the aircraft's systems also are car- cargo. ried out there.

factory in last February. Following cargoloading demonstrations, preflight activities will begin, such as airplane fueling and thorough electrouse systems and engine checks.

In carty May, this most productive of cargo carriers will take off from nearby Paine Field to begin a three-month certification flight test program. Initial deliveries are schednled for this full

Orders for 16 airplanes have been received from six airlines: Cargolax, Air Prince, Astana, Cathay Pacific, KLM and Surgapore Airlines.

With the same fuselage dimen-

Street Personal Parlament

the Collins Air Transport Division, a

division of Rockwell International

Corporation, to conduct HF (High

Prequency) data link flight testing

Data transmission capability via

III1 is an automated function, allow-

hig airlines the advantages of alter-

native digital communications paths.

to most future ATC requirements, as

well as the reliability of redundant

Initial flight testing will use an

external modem to verify modula-

tion and frequency management

Modern and communications pro-

cessor functions will then be embed-

ded in the new Coffins HFS-900D

transceiver and, via service bulletin,

Circumd facilities will be provided by the Collins "Communications

into the HFS-700 transceiver.

information transfer router

later this spring.

afestigns.

United Airlines is teaming with

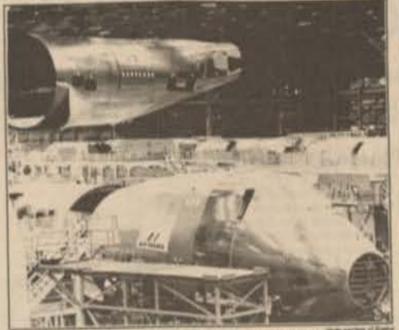
siems as the 747-200 Freighter, the new derivative will carry more payload at longer ranges, with better fuel economy and lower operating

At a given payload, for example, the 747-400F will fly up to 920 statute miles (1,482 km) farther than the 200F or, at a given range, carry the joined faselage. Functional tests up to 40,000 tbs. (18,000 kg) more

This enhanced capability, thanks to more powerful engines and a larg-The airplane will emerge from the er wing, is complemented by improvements in cargo hardling system components

The new freighter has the same upper deck as the 200F. However, the upper dock floor was revised to make room for two additional tenfoot (3m) high pallett. By relocating the upper deck access ladder and revising guide rails and tie-down equipment, an additional pallet posttion was created in the none of the airplane. These changes resulted in 774 cubic feet (21.9 cubic meters) more curgo space on the main deck

than on the 200F.



This 747-400F, once completed, will be delivered to Air France. The Freighter begins flight testing in May.

Two additional LD-1 or LD-3 lower hold, two additional contain- lower hold.

containers will fit into the aft lower ers forward adding up to 700 cubic hold and, depending upon the pallet feet (19.8 cubic meters) of additional and container mix in the forward containerized cargo volume in the

## president of manned space

McDurvett Congress Preside Nationals

McDonnell Douglas Acrospace has named Seymont Z. (Sy) Rubenstein to the newly created position of vice president-manned space. In his new position, Rubenstein will report to Charles A. Ordahi, senior vice president-Space Systems and will support him in execution of manned space

Rubenstein will focus on McDonnell Douglas' Space Souton Freedom activities and will be responsible for full integration and implementation of space station activities at Huntington Beach; Houston, Texas and Kennedy Space Center, Fla.

We are very pleased to have a person with Sy's experience in manned space programs join our team," Ordabl said.

Rubenstein was employed at Rockwell International.

Rubenstein was assigned to Rockwell's Space Division in 1973 and led the development of the Space Shuttle orbiter, Rubenstein later served as president of Rockwell's Space Transportation Systems Division.

In addition to directing design, development and production of the orbiter, he was responsible for flight operations support for space shuttle missions. Rubenstein carned a bachelor of science degree in electrical engineering from Massachusetts Institute of Technology and a master of science degree in electrical engineering from New York University, He later received an MBA from California State University. Fullerton and has completed the Stanford Executive program.

### Air Inter selects Honeywell to provide avionics for Airbus

Incurved Perc February

French domestic carrier Air Inter (Lignes Acriennes Interieures) has selected Honeywell to provide Global advanced-technology Positioning/Air Data Inertial Reference Systems (GP/ADIRS) for the 15 Airbus A321s (seven firm, eight option) the airline has on

scheduled for 1993 with deliveries order. to Air Inter scheduled to begin in

The Advanced GP/ADIRS uses a 4-MCU-size Air Data Inertial Reference Unit which is 60 percent smaller, 40 percent lighter and uses 50 percent less power than Honeywell's successful 10-MCU system while offering the same performunce

The Honeywell global navigation sensor, being developed by Canadian Marconi Company, is the first 12-channel receiver specifically designed for the aviation market.

The receiver tracks all Global Positioning System satellites in view to provide better than 25-meter postion accuracies.

With the selection of Honeywell's integrated system, Air Inter is positioned to take advantage of precision landing procedures currently being developed for the air transport

The airline had previously selected Honeywell's 4-MCLI ADIRS for First flight of the A321 type is their A330 widebody twinjets on

Combining the air data function with the inertial reference system provides enhanced performance in less space. This configuration climinates the need for static and total pressure tubing, drain valves and space for two separate air data com-

The system also includes a fault reporting capability to the on-board maintenance system.

Air Inter, formed in 1954, openates an extensive network of routes radiating from Paris as well as transregional services.



The HF data link system will be placed into United aircraft. It will provide air crews with up to the minute flight information.

Central" HP station, located in has begun preliminary HF voice North Atlantic regions. Codar Rapida, Iowa.

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STARRING: LARRY FISHBURNE - JE: DLDBLUM - CHARLIE MARTIN SMITH DIRECTOR: Bill Duke SCREENPLAY: Michael Tolkin and Henry Bean 112 min. - 1992 - Rated R - New Line Chema

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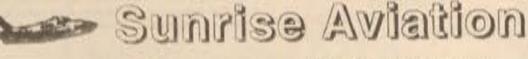
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## Current top ten singles in the nation

- 1. "I Will Always Love You" Whitney Houston
- 2. "A Whole New World" Peabo Bryson
- 3. "Ordinary World" Duran Duran
- 4. "I'm Every Woman" Whitney Houston
- 5. "Nuthin' but a 'G' Thang" Dr. Dre
- 6. "Mr. Wendal" Arrested Development
- 7. "7" Prince and the New Power Generation
- 8. "Saving Forever for You" Shanice
- 9. "Hip Hop Hooray" Naughty By Nature
- 10. "Informer" snow

Source: Billboard magazine

## The Lemonheads have plenty of funk for all

By Jaylin Billig Diversions Editor

If you thought the latest rage of grunge rock wasn't enough for you, then you'll love the newest offshoot of this hybrid style - bubblepunk, This new breed of alternative music has sprung up and boasts bands like the Lemonheads, with their new release entitled It's a Shame About

This album, which is the Lemonbeads' first record was the Album of the Year in the 1992 College Media Journal's New Music Awards, and has shot up from number 85 to number 68 in Billboard's Top LP and Tapes chart.

It's a Shame About Ray features the MTV hit "Mrs. Robinson," which is a cover of Paul Simon's original tune as well as the title hit and other songs just as fon and easy to listen to.

"Mrs. Robinson" is probably the best song on the album, but the other songs including "Buddy" and "Bit Part" - are also representative of the

This album is check full of light grating, and the style is different reckoned with, because they have without being strange. and fun sounds that anyone will like.

Evan Dando is the only original The Lemonheads exhibit a variety of member of the seven-year-old band. dynamics, which can range from the He has picked up several different gritty to the gentle and soothing. additions over the years, including The Lemonheads have a kind of drummer David Ryan, Nic Dalion sound that promises to stick with the and Juliana Hatrield on this album. listener and entertain them. The They form a band that should be

contributor to alternative music in years to come.

Be sure to check out It's a Shame About Ray. You'll find the style suitable to almost any taste, and the songs a welcome change from the usual grunge scene.



#### songs are energetic without being Lemonheads' toe-tapping sound. Ned's Atomic Dustbin releases a worthy new album

By Greg Rezendes Autoratica Effice

Are you normal? That's the question that Ned's Atomic Dustbin is asking on their newest album titled Are You Normal?

This new array of alternative music by the five-man band shows that not everybody needs to be normal to produce good songs.

I never heard of this band before I seen their advertisement for their new release in CMJ magazine, but I "Legoland," "Tantrum," "Intact" and "Fracture" are just some of the it was the usual street group trying to get their start in music.

Sony, the record company that produced the album, really did a in the music community. Although the advertisements did get my attention, they did not sell the group to out in your mind.

individuals was the first song on this should try it, too.

album entitled "Suave and Suffocated." The title does not do justice to the quality of music I was hearing. I was surprised at how good this song really was.

I ventured forward to find twelve more tracks equally satisfying. This is not normal for most bands in the industry. Most bands have one or two hits, with the other songs being merely mediocre.

This group reminded me very much of Nirvana, who also had prelistened to their album. I may have vious albums but did not get my

> hits that will catch any music lover's attention. These are all worth check-

Although much of the background good job making their boys visible music may sound a little repetitious to some at first, after many more listening sessions the music will stand

I look forward to listening to What did sell this select group of some of their previous music. You



Ned's Atomic Dustbin has many songs worth sampling

## Current best-selling albums in the nation

- 1. "The BodyGuard" Soundtrack
- 2. Breathless Kenny G
- 3. The Chronic Dr. Dre
- 4. Unplugged Eric Clapton
- 5. Some Gave All Billy Ray Cyrus
- 6. "Aladdin" Soundtrack
- 7. Pocket Full of Kryptonite Spin Doctors
- B. Timeless (The Classics) Michael Bolton
- 9. If I Ever Fall in Love Shall
- 10. It's Your Call Reba McEntire

Source: Billboard magazine

# Dance Club

#### The Outrageous Entertainment Never Ends 7 Nights A Week!!!

#### Mondays

Free Pool in the Sports Barl Our cocktail waitresses will RACK YOUR BALLS! The action includes pool tournaments with quarter drafts. Win cash in our American Musicians Jam Session.

#### Tuesdays

Win CASH at Daytona's Hottest Zonkers contest. You've seen the rest- now come see the BESTI Our "Star Search" competition continues with live entertainment in the Karacke Club featuring FREE draft beer from 6 till 8 pm. Don't miss our outrageous Panty Putting contest.

#### Wednesdays

College Night- Embry-Riddle I.D. Gets you a FREE Draft Beer until 10 pm.

#### Thursdays

Men's Hot Wet Shorts Contest. Daytona's most outrageous event! Ladies drink FREE with free mugs & I-

#### Fridays

The "Hottest Wet Zonkers Contest." You've seen the rest-Now come see the BESTI Prizes include Zonkers bucks, mugs, t-shirts and CASHI Drink FREE 8 till 10 pm FREE tees and muga.

#### Saturdays

Two hot contests: "The Clippin Nipple Contest" this contest is too OUTRAGEOUS to be legall Drink FREE 7 till 10pm. And for more fun and excitement we present the "Hottest Wet Zonkers Contest!" Free t-shirts and mugs.

#### Sundays

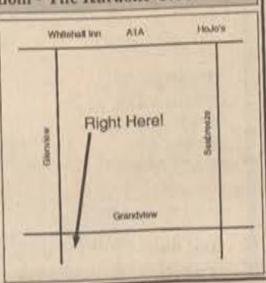
FREE FOOD AND DRINKS from 7 till 10pm featuring our male "Hot Buns" contest, it sizzies. Live entertainment is featured in the Karaoke Club including our Zonkers "Star Search" contest where You Be the Starl

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## SpaceWeek 1993

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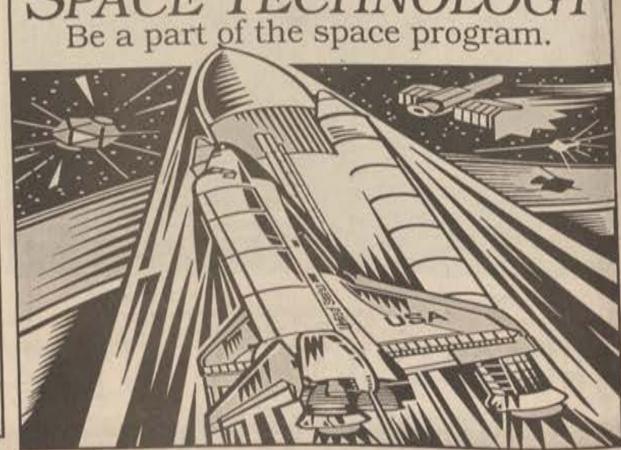
Monday: 8:00 a.m. - 5:00 p.m. Tuesday: 8:00 a.m. - 3:00 p.m.

Wednesday: 8:00 a.m. - 5:00 p.m.

Thursday: 8:00 a.m. - 5:00 p.m.

On display will be various memorabilia from the space program, including the past, present and future.

Co-sponsored by the Embry-Riddle Aerospace Society and ERFSEDS



## Man freaks and shoots jukebox Critic's Corner:

DODGE CENTER, Minn. (AP) - A Byton man apparently took to heart the words of the hit country song "Bubba Shot the Jukebox."

Mark Cranston, 30, is charged with assault and criminal damage to property for allegedly firing three shots into a barroom jukebox and another at a table where people were playing pool.

"He just flipped out," said Mark Dierkhissing, a co-owner of Harold's Club, who was working when the shots were fired Monday night. "It was a miracle nobody got burt."

Dierkhissing said Cranston was drinking coffee when he got up, pulled a handgun and fired the shots.

He then laid the gun down and began reading to himself from a Bible, according to the co-owner and sheriff's reports.

Cranston gave no explanation and was arrested without incident, authorities said. No one was injured.

Deputies also discovered a loaded shotgun in Cranston's pickup truck parked outside the bar, Sheriff William Weber said.

Dierkhissing said the jukebox was playing at the time but he didn't remember what song

The song by country star Mark Chestnutt includes the lyrics,



Innocent jukeboxes like this one are in danger from crazy cowboys who hate sad songs and own guns.

... Said it played a sad song, and counts of second degree assault and made him cry ... Went to his truck two counts of first degree criminal and got a 45 ... Bubba shot the jukebox last night."

"Bubba shot the jukebox last night County District Court with two appearance.

damage to property. He's being held in the Olmsted County jail on Cranston was charged in Dodge \$15,000 bail pending a Feb. 24 court

#### Marky Mark apologizes for his racism

underwear model Marky Mark apologized for harassing black and Asian people in the past and promised an ad campaign to denounce all forms of higotry.

doing the same stuff now and I just want to tell them, don't do it," the 21-year-old rapper whose real name is Mark Wahlberg said Thursday.

Mark's apology and the ad agreement were announced just hours before the Gay & Lesbian Alliance Against Defamation, the Committee Against Anti-Asian Violence and other groups were to condemn the rapper at a Times Square rally under a giant billboard of Mark modeling

Calvin Klein underwear. Instead, the groups held a news

NEW YORK (AP) - Rapper and bias throughout the music industry.

In a statement issued jointly by GLAAD and Mark's California publicist, Gary Stromberg, Mark, who is white, said:

"In 1986 I harassed a group of them African-American. And in 1988, I assaulted two Vietnamese men over a case of beer. I used racist and people were seriously hurt by what I did.'

the April 8, 1988, attack on the Vietnamese men in Dorchester,

"I am truly sorry. I was a teenager and intoxicated when I did these things. But that's no excuse. Nor is it OK to beat people up conference to praise Mark and decry because your friends are doing it.'

"Asian-Pacific said Mark. Americans, African-Americans and all people have the right to live free of violence and harassment."

The groups also had faulted Mark for failing to denounce anti-homo-"I know there are kids out there school kids on a field trip, many of sexual remarks by reggae singer Shabba Ranks during a joint appearance earlier this year

"I want to make it clear that I conlanguage during these encounters demn anti-gay hatred and violence,

We really applaud him for being Mark spent a month in jail after able to realize the errors of his ways , saying to kids, 'Look, I've been there, don't go there," said GLAAD spokesman Donald Suggs.

Mark said the ads would "help spread the word that bigotry and violence are wrong." Stromberg said details of the campaign haven't been worked out.

### Falling Down is a great thing to do



McGrath Movie Critic

#### Falling Down

Starring: Michael Douglas Robert Duvall Rachal Ticotin

Flated:

Bating:

Longth 1 hour, 35 minutes

Playing: Volusia Square 8

Every once in a while, people reach their boiling point both figuratively and literally. Nobody can escape this simple problem. It may come from stress arising from our mechanized society or some other reason. But it has the power to turn a nice guy into a slathering animal.

Surprisingly, this reminds me of a story about my roommate. I wake up early one morning only to find that the temperature in the room is a sweltering 90 degrees.

Apparently, the heater had been turned on, not the air conditioner. One might think that this is an accident, but you do not have my roommate. Let's forget it is Florida.

Let's also forget that he has four blankets and there aren't any windows. There is even moss growing on the walls.

This takes care of the literal part; now for the figurative. I spend four

hours in front of a slow computer; experience, but this one did. At no stub my toe on a smashed car parked in front of the student center; take a four-page test only to find out later that there were five pages and upon returning to my room, I get an impromptu concert of water sprinklers.

I have achieved my boiling point in every sense of the word. This is the same problem that is addressed in the movie Falling Down.

Falling Down stars Michael Douglas as a defense employee who is recently divorced, gets fired, drives a Chevette, has a hole in his shoe and the list goes on.

On one fine hot and baking morning, he gets stuck in a traffic jam just like the ones during race week. He snaps and decides to walk to his daughter's birthday party.

This begins his journey through a city full of problems. His solutions to the problems and how be views the world is the premise of the

Robert Duvall plays the cop who is trying to catch him. Duvall's character is on his last day on the force. His wife is nagging him, the captain hates him, most of the other detectives ignore him, and his list goes on and on. He too, is approaching the boiling point fast. We see how two people handle the same problem.

Honorable mentions go to Tuesday Weld, Barbara Hersbey and especially Rachel Ticotin. Weld is the disgruntled wife of Duvall, while Hershey is the exwife of Douglas. Both have limited screen time, but their characters add to the overall mood of the movie.

Ticotin played Duvall's partner. She was the ice cube that cooled Davall. Her presence filled in the missing emotions from the other characters. Her coolness in portraying ber character meshed wonderfully with the two veterans, Duvall and Douglas.

The camera work, direction, writing and even the soundtrack captured the mood quite effectively. Very few movies capture the whole

time did I feel that the movie was filmed in a studio or in front of a blue screen. The streets were the

A lot of people say that there are many messages in the story. Could this be a message to Clinton? A defense worker getting fired might be a hint of things to come. Even the title itself might be taken as a message.

There are a bunch of other messages that are included, too, I don't think that one should get caught up in trying to read too deeply into the movie, though. If you do, you may miss the great acting and the whole storyline.

I enjoyed the movie tremendously, Michael Douglas took a journey much like that of Little Red Riding Hood, except his basket was a gym bag full of automatic weapons.

His constant encounter with conflict provides for a great movie. Duvail and the rest of the supporting cast provide wonderful performances that add to the overall suc-

If you want to see a great movie with or without hidden messages, Falling Down is the answer. If you don't want to see a good movie but want the hidden message respect, try Toxic Avenger while listening to the Beatles' White album backward.

If you just want to relax in a sauna-like atmosphere, watch moss grow on the walls or just possibly need to steam your fern, come to my room. I'll be the dehydrated shape in front of the television waiting to see what personality has lowered their standards enough to do a Taco Bell commercial.

> \*\*\* - Can't miss! ★★★ - Worth watching. ★★ - Wait until dollar theatre. ★ - Read a book instead.

## THE AVIOI

Things get a little temse in the office. What can be expected? We aren't paid,

though we are

BOWRPE IN Sal in Several ways. Cetting the paper ready for the printer can be quite Pressured...

> But this is college. We're all here for the extra points and experiences to help us in the real world. You get a lot of that at the Avion. There's no membership fee, you can finally get a picture of what's really going on in this place. and you grow to resent apathy in most of its forms.

We need volunteers to write, take pictures, and help produce the newspaper!

A special thank you to Harry Shinn who put together the Mayport Trip. He has put so much time and

energy into making the trip a suc-

cess. We couldn't have done it with

There is an opening for the posi-

tion of Chair of the Social

Committee, if anyone would like to

volunteer or knows of anyone who

would do a good job, please bring it

out you, Thanks "Fuzzy Ankles!"

## Riddle Riders

By Rob Sternisa Vice President

Welcome to the madness! Did anyone notice a rather large influx of two wheeled vehicles lately? Please be aware of motorcycles at all times and in particular, this week. Bike Week '93 has arrived and so has everyone else. Have no fear, most will be gone soon but Spring Breakers will take their place, I guess this is just one of those perks to living in Daytona Beach.

As for motorcycle events this week at the Speedway and Municipal Stadium, here is a brief rundown, Today - timed qualifying sessions for International Lightweight, SuperTwins, SuperSport and Harley-Davidson Twin Sports. Thursday - Daytona International Motorcycle Show (runs through Sunday), 43rd Alligator Enduro Timed Qualifying Sessions, ARAI Twin 50-mile Qualifying Races to determine grid for the Daytona 200 by ARAI, and AMA Professional Dirt Track racing at Municipal Stadium Friday - 31st 100k international Lighweight Finals, SuperTwins Final, 750ce SuperSport Final, and the AMA Daytona Budweiser 600cc National Championship race at Municipal Stadium Saturday - 23rd Daytona Info, call Steve at 257-9711.

Supercross by Honda and the AMA Camel Pro National Kickoff at Municipal Stadium, Sunday - 100k 600cc SuperSport International Challenge Final, Harley-Davidson Twin Sports Final and the 52nd running of the Daytona 200 by ARAL.

The main event of the week for all to attend is still the Bike Parade on Sunday, March 7. For those who would like to attend the Blessing of the Bikes, meet at the Triangle Lot at 7:00 am. As for everyone else, we will be inceting at Subway -Seabreeze Circle at 8:30 am, From there, we will be taking the back roads to Bellaire Plaza to get in line early for the parade to the Daytona International Speedway, Bring your cameorder or camera and plenty of film. This is one sight that you will not want to miss.

Since out club meeting for last week was canceled due to orientation at Sundance Leather Shop, we will be meeting tomorrow night instead. Our meeting is in room E-601 at 7:30 pm. Please plan on attending. We need to finalize plans for the Spring Rodeo to be held on March 21 and are still looking for volunteers to help with the event. Don't forge: the pizza and various BEVERages on Friday night at Good Times Pizza in Port Orange, For

## ERFSEDS

By Keith Sterner Public Relations Officer

This past Saturday, members tended a booth and participated in the Museum of Science and History's (MOSH) Science Fiction/Science Fact Day, Kaye Downing extended a special invitathe booth.

Kaye Downing will be visiting ERAU in March, sponsored by ERISEDS for Women In Aviation Week. She will be giving a speech at a reception to kick-off the week.

We hope those who are planning to compete in the Projects Competition, members and non-memben, have turned in the application to us. We have extended the deadtine until 03/05/03, for those of you

who are still interested. If you need to know more, check out the information sheet and applications that are located in our mailbox in Student Activities. Remember, you can win \$1251!!

The Science Fiction Marathon is coming, SOON! The date has been moved up to March 20. This event will include related movies, speechtion to us, which enabled us to have ea, etc. If you have any special requests, let us know and we can try to accoramodate you.

The GTE Challenger Learning Center trip deadline is nearing, so make your plans to attend. The cost is \$20 to non-members and \$15 to members. An invitation was extended to the Assaspace Society to attend with us which should increase the fund

We still have a loc planned, so get with stand LETS DO IT!!!

By Kelly Watkins

Public Frontiers

Thetaville News Bulletin Hey girls, how's it flappin'? Hope your week is going as dandy as possible.

Sisters: Last week's Fireside was very helpful. I hope everyone feels better with getting things out in the open, However, I want to stress, now things have been put out, we must concentrate on making our beloved sorority better. Each of us should make an effort to do what we can to make our rellow sisters smile. I know I always talk of the rainbow the tainbow was our symbol for so sixe

long. A spectrum of contracting colors blending into each other and eventually spilling into a hidden pot of valuable gold. Think about it.

Piedge sisters: keep up the good work. I encourage you to make a genuine effort to get to know each and every sister as much as possible. Because, soon enough, they will be your Sisters and it will mean so much more to you if you can also call them your friends, not just pals. I can promise you'll always get out of it what you put into it.

inspiring article, or what?! What do you think, Max?

Like I always say (my famous you probably just humor me, then words to live by); Never kill a fly on special events and activities for stiffe a laugh) but think about why your best friend's forebend with an

## Aikido

By Peter Miller Founder

What is Aikido? Many of my students ask me this time and time again, and sometimes I find myself asking the same question. There are hundreds of different explanations one could give to this question, mine however, is always this story.

Thirty years ago in Japan, there lived an old and trail man. He found himself one day surrounded by six targe, strong youths. As they circled around him, their eyes gleamed with aggression and their faces of anticipation. Their muscles began to flex as they prepared to move in, simulnancously. The old man calmly, with no expression, gently bent down on his knees and sat. Puzzled and angered by what they thought was a mocking action, they all moved in. himself and others

A wall of high and wide mass of muscles sushed toward the small man, And for that instant, if you could see through their bodies to the old man, you would note a small expression on his face, a grin. What followed could only be described as a whirlwind of movement as the six men gently found their way to the cold mat, with not one punch received or given by the man.

The old man in this story was Moribei Uesbiba, the founder of Aikido. Even at the age of eighty, O-Sensei (Great Teacher) was active in his dojo at Tokyo. And he proved, day in and out, that the key to Aikido is not physical strength but conditions, strength of spirit and movement. In fact the word AIKIDO translates to "the way of harmony". And that is exactly what a student of Aikido learns, how to obtain harmony with

By Cadet John Wolf 8-5 Public Finishing Officer

The MS IIIs again participated in the Audie Murphy field training exercise this year. There were six which use part in the two day field road march.

training exercise. They conducted STRAC throughout the first day which consisted of combat patrols, recons and reactionary drills. That night, they prepared and maintained first surfers from Embry-Riddle to a patrol base. On the second day, they organized and conducted a raid. surveyance from the state of Florida. The exercise was completed with a

By Chris Hildebrandt Public Fielabloces

is everyone enjoying the constant thunder of the Harleys parading around down here? Bike Week is in full effect if you have not already noticed. Those of you who were signed up for tonight to work, don't forget that it was canceled. For the rest of you, enjoy it.

hope that everyone had a good time, all supposed to be.

Saturday's party was a blast. I am. sure that everyone met a lot of interesting people. If you booked up with my of them, more power to you and enjoy the road trip up there if you are going to visit them again.

Finally, a quick note to the pledges. I don't know who you think you all are, but things are going to be changing very soon. You better start getting your act together and The Zeta social went quite well. I doing things as one, which you are

## aval Aviation

By John Radice MANUFAR

Hello Naval Aviation buffs! This week we had a guest speaker like none we have had before. C-2 pilot Lt. Tanya Antoniuk from VRC-50 came to tell us of her flight training and experiences in the Navy. The L.L. was stationed in Sicily but after a year her squadron was decommisstoned. A resident of Daytona up March 26th, Fly NAVY!!!

until she goes to Guam for a two are. Keep up the good work. year period.

It was interesting to hear of her experiences and the reasoning behind her choice of aircraft. Tanya also showed the club a video of her class as they went through AOCS.

Don't forget to check the board for softball times and be watching for a sign-up sheet for our proposed voyage to the USS Saratoga coming

#### Clubs Policy

All articles must be type-written, double spaced or on disk formal (unformatted in Word Star or Microsoft Word)

Deadline for submission of all club material is Wednesday at 5 p.m., one week prior to

publication. Photos may be submitted with club articles. All submitted material becomes property of the Avior with the exception of disks.

The Avion reserves the right to edit all submitted copies.

For more information stop by or call the Avion office at (904) 226-6049

By Darrin Caudle and Melinda Matricciani

Team members

Welcome back all flight team members, coaches and sponsors. We especially want to congratulate new members for making the team this

After hosting Regionals last Fall, our focus this semester is the National Intercollegiate Flight Association National Championships in Killeen, Texas on April 21events such as simulators, aircraft TEXAS!!!

recognition, power-on and power-off landings and message drop. Most importantly, everyone is striving to keep our title as the best team in the

Remember: Talent + Teamwork =

We also want to congratulate Brian Ferguson on his flight spot in the Navy. Go get em l'erg!

If there is anyone interested in becoming part of the flight team, weekly meetings are held Tuesdays at 6 pm in G102. Hope to see you 24. Here team members compete in there, and remember - Let's win

## Women's Programming Board

By Genese Turner Vice President

Embry-Riddle's 2nd annual WOMEN IN AVIATION WEEK\* will be held March 15-19th. This year's theme is "Reflections Of Women In Aviation: Looking To The Stars." The week is designed to offer an opportunity to raise the Now - was that a heartfelt and awareness of the contributions women have made and are making in the aviation/aerospace industry.

This week will have a number of everyone. The guest speaker list includes astronaut Eileen Collins, US Navy Capt. Knye Downing and NASA Aerospace Engineer Louise Boyd, among others. Visiting alum-

Patricia Fields ('80) There will also be music and games in the Student Center every day. Be sure to look for a chance to win in the Sidewalk Chalk Art Contest, the Scavenger Hunt, the let Flying Contest and the Super Twister Blowout. In addition to the week's activi-

ties, there will also be a Women's Retreat scheduled for March 27 28th in St. Petersburg, Fla. Remember, t eryone is encour-

aged to participate in the events, so be looking for posters and flyers for the activities.

This week is being coordinated by. The Women's Programming Board and the Dept. of Student. Affairs, with the help of ERFSEDS, SAA, Aerospace Society, Theur Phi Aiplia, nus include Susan Pasano (86) and 99 s, Alpha Xi Delta, and FPWA

## Surf Team

By J.R. Botherton

CILD DISTRIBUT

On February 27, the Embry-Riddle Stormriders traveled to Fort Pierce, Florida to compete in the Scholastic Surfing second Association contest of the semester, After the first, of which we still don't know the results, the next few were canceled due to flat surfing

The team traveled south with hopes of warm water, sunshine, and nice waves. But, as fate would have it, the temperatures were in the low-60's, the winds were out of the north around 20 mph and it was very cloudy. The water temperature was 66 degrees, however, so as long as freeze The waves had a moderate chop and "too much face," according to Bob Taylor

After the contest got underway, Rob Ely and Will Stirna were the compete. Stirna won his heat and advanced to round two. Later, in round one, Sean Martin, team veteran, won his heat, defeating three p.m. Be there!!!

other men from Central Florida schools. Martin did very well considering the poor surfing conditions throughout the day. New team member Jeff Feathers, won his heat by pulling off maneuvers that you only see in magazines.

Ormond Beach with a lot of experience, as he demonstrated on Saturday. Feathers is going to be a very valuable member for the team in future contests. Lee Major, veteran, won his heat by defeating two Central Florida men.

All the men who won their heats advanced into the next round.

In round two, Sean Martin, placed second and advanced to the semifinals, along with Jeff Feathers.

Jason Harris, competed in the you were in the water, you didn't body board round and placed second in his heat, which advanced him to the second round.

Overall, the team placed fifth for the day which still keeps them in the running for the trip to Costa Rica to compete for the National title.

The next club meeting will be held in room B504, tonight at 7:00

## SAA

By Krissy Kopecky

Marchar

Hello everyone! I hope everyone had a good weekend with the Mayport trip and the basketball playoff reception. Since I am writing this before it has all happened, I hope we had a good time. I'm sure we did.

Thank you to everyone who has helped out with planning and following through with the basketball reception and with the 50-50 raffle for Friday, Feb. 26th. There are so many people who work hard for the SAA who might not think they are Beach, she is spending time here recognized; but we know who you

to the attention of the president Scott Wilson, before the Executive Board meeting on Thursday. Once again, general meetings are on Tuesdays at 5:30PM and Executive Board meetings are on Thursdays at 5:30PM in Spruance

Hall Conference Room 206C

By David Macko Secialary

Yo Rho! Whasup?! Well this week has been just another day in paradise, now that the track is over, our finances are definitely on the upswing. We are all looking forward to the reward of the waterskiing party. The pledges seem to be off to a good start and we are all getting to know them well, Remember pledges...above all, trust the brothers and their ways and they will never steer you wrong.

Rich had his first official aviation presentation this past week, giving a group of local high school students a

general overview of aviation as a profession. Everything went as planned and there are still many more schools to visit. Special thanks go out to Gramps, Sammy, Whah' and Dirty Scott for helping in the presentation.

Softball is on a roll and our first game proved that we have the players to present some competition Everyone work with Conch P. and we'll have a good season.

Spring Break is now in full swing. now don't we wish we had one Don't work yourself too bard guys. My apartment is now a full-fledged hotel room as we are housing about a total of nine people next week



By Daniel Moquin

Chapter Eofter

Congratulations to all of the Alpha Eta Rho's and Sigma Chi's who played in our interfraternity tackle football game a week ago. There was definitely no winner or loser of the game because each side played their hearts out for about two hours. The post game celebration also went as well as the game did, with all the playors over on house for a little "FUN." Maybe sometime next semester we will all go at it beach. Once again, Sigma the again when we all recover from would like to wish everyone a very

I am sure that everyone had fun at our Acid Rave Party this past weekend. We thank all the Alpha Xi Alpha - next time you videan Delta's who came over and had a Edmondson, keep him.

great time. We will most certainly do it again in the near future. Our next social date will be announced soon, Remember also that Birthday Weekend is coming up in only a matter of weeks so buy your tickets now from Brother MacDongall and be assured of a great time with the alumni Well, this semester is already haif

over and it's time to think Spring Break. Too bad we don't have a Spring Break to speak of, I guess we are all going to have to make do and start skipping classes to go to the happy day. (An even happier our than Delta Chi wished you incl week) One last note: Theta Ph.

## $\Sigma\Phi\Delta$

By Bill McDermott

Going into last week's softball match, TEAM SPUD was I and I After the game however, our record fell to 1 and 2. The only thing I have to say is that our opponents were much better than they looked. Because we thought that they would be easy to bent, we slacked off and best ourselves. The only solution to this problem is practice, practice, procuce. On a positive note, shortstop Mario Scrimizzi furned in a few defensive gems while anchoring the middle infield. This reminds me of a place of advice my baseball coach always used to tell us, "you practice how you play. Next gains: lot's practice and play to win.

Well, the middle of the semester is here. For most of us, this means midterms. Now is not the time to slack off. We're halfway done now, let's strive to finish this semester on a strong academic note. After midterms are over and done with, there is a pause of a few weeks before the last scheduled curriculum exams. Then we have a week before

I'd like to remind pledges Joel min Steve not to forget their studies, As we are now at the halfway point in the semester, you are also at the halfway point in your pledge period Pledging is a great responsibility but do not let it come before academic success. Academics is priority number one, but then comm pleas ing. Steve, what's up? Don't see you at the house much. Try to make it over more often and attempt to get to know the brothers better. The will become some of the best friends you will ever have in your life Koxy up the good work gentlemen. because at the end of the semester it will pay off

The writing and submitting of this article arginfles that today is Wednesday. That's right smack in the middle of what are now weeks from academic bell. Only two more days until the weekend. Fridays are great for two reasons parties and sleep Friday and Saturday nights are the times to party down and Saturday is the time to sleep. Lecs just hope that Social Director Mario Scrimizzi has some good stuff planned for the weekend. Until next Feathers is a local surfer from FINALS! I dread to think about time, same Bat time, same Bat channel.

## Aerospace Society

By Joshua Mussat

HISBURN

thanks to those few members that stayed to watch the end of the Space Age series last week. Tonight will be "a lieu of fun activities" according to Stephanie. Your guess is as good as mine as to what that means. Anyways, make sure to attend tonight's meeting starting at 7:00 p.m. in room E-611.

SpaceWeek is just around the corner. In final preparations for the glorious events, all members are reminded to bring in any donations. including models, posters, patches, photographs or any other memora-

bilia that is space related TONIGHT, Also, please be sure to sign up on the SpaceWeek conference room sign up sheet. Make sure you speak with our SpaceWeek Committee chairman, Matt Devitto. if you have any questions concern ing any of the events planned.

Additional Aerospace Society shirts have been ordered because of the huge demand during the first run. When the new shirts arrive. they will still be available for a remarkable price of \$6.

Next week, we will have our annual astronomy night with Dr Fleck. Finally, in two weeks, Astronaut Eileen Collins will vieit

Embry-Riddle.

#### Calvin and Hobbes

#### by Bill Waterson

#### Far Side

#### by Gary Larson













Hummingbirds, of course, have to watch nature films with the action greatly speeded up.



GET CUT

TO AVOID DETECTION



THERE HE MAKES THE



BANG BANG





STUPENDOUS MANS Y



Gus Ferguson: Recipient of the first brain bypass operation.



"Norm? This is Mitch. ... You were right — I found my drill."



LETS SEE IF CALVIN SOT WHATEVER WAS IN

12

BANG



WITH STUPENDOUS MUSCLES

OF MAGNITUDE, STUTENDOOS MAN BREAKS FREE!

HO YALLEY THE







"Hey! You! ... Yeah, you! I ain't gonna tell you again to quit spittin' on me!"



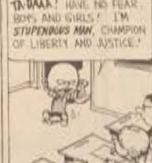
"Oh, the box of dead flies? Ramone gave them to me Saturday night during his courtship display. . . Of course, they were already sucked dry."



Dave



STUPENDOUS POWERS OF





by David Miller

#### by Dana Summers Bound and Gagged





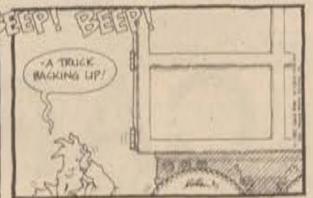


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NEXT D



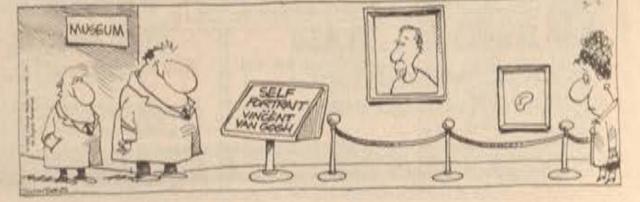












## CLASSIFIEDS

#### +Autos for sale

Buying a vehicle? Buy from a Riddle alumns. New and used cars and trucks/program cars. Contact Mark P. Morano at Gury Yeoman's Ford succurive one sales. 947-4455. Bring this adlf!

For sale: 30 Sunski GS 350L. Low mileses excellent condition, river great, \$1100 includes two beliners and saddle bags, Cidi Paul at 253-8909.

Car repairs- if you need help with your cut, give me a call. ASE certified mechanic Call Patrick @ 255-2132

1974 VW Thing. Lime green, completely schools, too much like new to list, you must ore st. This is the ultimate Phonds vehicle. \$5000 w/ 1835 or engine 108 mi, \$3000 outlook engine. Call leavy se 756-7965 or box

(2) Camaro. Net a showcar, but a good driver. 27 4bbi, M-21 4 apd. \$2000 as is Call Ken. or lower a message: 760-9265

For Sale, 1987 Manta RX-T. Barellant audition. 5 and , sun-roof, new tires Odichelin), h. tdue exterior, bavy interits (the new), \$5700 also, Call 257, 2625, 8.00 am to 5:30 peri-

91 Honda Civic. 3 dr., white, air, AM/FM cassette, Dictory warranty for \$7500. Contact though at 750-6524.

#### Roommates

Female seeking commute for summer, fall, sio, Quiet, clean, non-smoker. Can move in mid-April Call Melinda, 322-2747.

remale(s) needed to share 2 bdem 1 +1/2 bith townbouse with male. Rent 3450,00 divided by # of recomment move in May 1st(Summer A) for our year. Call Dong S. 322-1936. Leave message. Voice you hear will not be

For sale or cent. 2 bed/ 2 bath TownHouse. Two levels, full appliances. Pool, Cable TV, Water and Trash Removal all included, Liseated only 2.5 miles from ERAL Call today for more details 788-4343.

Cheap, clean place to stay during minimi 5135/month +1/4 still. Ocean Oaks opts. 6 miles, Female only, Box 3694, 756 8941,

#### + Misc. for sale

DOWNTOWN USED FURNITURE 9000 HE ft. showpoom, Tues. Sat. 10-5:30-406 N. Beach St. Daytons 230,0384, Buy and Sell,

Radio Control P-51 for sale. Great planes brand, untouched, includes fuel tank and some accessories. Also, K&B A5 R/C model angine. Fresh in box, never run. Make offer on all items, J.P. Walsh, ext. 6800 or 761-

Companier software for sale. Novel netware for Macintonh. Includes all disks, manuals, registration. Never used. This fell into my hands. Make me an offer for it. J.P. Walsh, est. 6800 or 761-7337.

Neon Lights, Wide variety of colors, Will install in and/or under your automobile, Low price! Limited amount! Call Dwayne 226-7492. Klenton 255-6379.

For sale: 14 ct. gold ring with one ruby and 2 diamonds, payed \$500 in July asking \$250. Must see, Call Greg at 767-6389, Leave messagel

New Flightcom headants for sale. Contact Sean #226-7534 or box 6798.

For sale: G.E. Washer and Deyer, excellent condition, full size. Selling pair for 5325. Charlie eves. 767-7378.

For sale - Dorm size refrigerator, \$65 obs. Call 251-1678.

Windowfer \$200, 12' Kerma Beginner's Board, 16' 1-piece mass clamp-on boom, 2 sails: 5m starter sail and 7m speed sail. Learn to windout cheap! Jerry 756-7965 or hox

TV and VCR for sale, 13" Seam color TV. HQ Mitsubishi; 4 head VCR. Both with remotes, \$200 for both, will separate. Jerry at 756-7965 or box 6595.

Won trip to the Bahamas. Can't go must sell. 5600 obo. Bryan @ 322-2701.

For sale: Soft-com headast \$100, small refrigerator 575, dive gear regulator & BC \$100, bike rack for square type hinth \$25, Call 760-3966.

For sale: AD&D game system, many lurdcover books, forgotten realms modules, 40 dragon mags, plux 4 other role-playing games, all for \$80. Call Briss @238-3396.

Micro-nute Microwave. It is annill but the price is right \$40 obo. Call Doug @274-2876.

Queen size waterbed. Excellent condition: man sell. \$75 Call Rob @ 673-7563

For saint cealistic 800 MHz scanner 200 channel programmable, model 2022. Paid \$300, sell for \$250 obo. Less than 1 yr. old. Call Keith @255-9863

For sale, Aruga A500 with 10845 monitor. Also Panusonic KX-P2123 printer and external 3.5" drive. Plenty of software included, \$650 takes it all. Call Matt @ 258-6877Левус пользаде.

Soloflex strength training system. \$400; mincondition; a great way to keep that New, Year's resolution; Call Russ or Carolyn after 7 pm at 257-9867.

Lifecycle serobic trainer, \$400; great afape; just like the professioanl faness models used in gyms, Call Ross or Carolyn after 7 pm at

For sale, Cannondale flicycle; \$400, Cellular phone; \$100, RC cars and parts \$200, James 255-9243.

#### + Miscellaneous

NEED MONEY FOR COLLEGE? Send SASE for details to: College Financial Planning Assoc. 4311 NW 53 Ct. Cocount Creek, FL 33073. Attn: Ametia Greco CLASSIFIED AD POLICY

at (904) 226-6049.

Scuba Diving. I have one gilt certificate for

Dive in indoor pool at adventure scubs. Ratail

sale. It's good for open water certification.

at \$125. My price \$90. Call Steve at 248-

Quality Bight instruction at a great price!

Multi-linging instruction. MEI or initial

ceruficanes and ratings available. Don @ 671-

Anyone interested in SCUBA diving off

Daytons on March 14th for \$35 call Tim #

rating, \$70 hr. block time, All other

760-9218 or Bill @ 258-0143.

Private, instrument, commercial, BPR's and ICC's. Call Phil @ 257-9658.

2181 and loave timesage.

Looking for information on the aircraft dispatcher practical examination. If you have recently taken the practical and our provide some helpful information; please call Todd at

In conjuction with Jeppeson and Plight Training Magazine, Rod Machado presenta "Handling luftight Emergencies". Learn bow to handle a wide variety of problems from the simple to the complex: aircraft fire, split flap situations, control failure and courgency landings. To recieve your student discount call 1-800-966-9944.

Advanced open water PADI class starts March 6th. Now is the time to get the rating to give you experience and training to dive deep, at night and to become a good 14/w navigator! Call Jan @ 761-2021. Nitrox class in March as well.

Gut your CFI fast and cheap! 1200 hr. flight instructor. Fly out of Daytona. All other ratings available. Call Ken or leave message

Non-commercial classified advertising and personals

are free to the student body, faculty and staff of

35 word limit. Each additional word is 10 cents. Commercial advertising is available through the

Avion advertising department, at 226-6051.

All other non-commercial advertising is \$10 with a

Classified advertising is carried out by filling out a

of advertiser must be included for the ad to run.

Only paid ads will run for two issues and may be

renewed by filling out another classifled ad card.

No classified ads will be accepted over the phone.

For more information, stop by or call the Avion office

menage.

Only one classified ad per card. Name and address

Embry-Riddle with a 35 word limit.

classified ad card in the Avion office.

Any limbry-Riddle gay, lesbian, or bisexual student. There is a way to meet other attidents. like yourself, Confidentiality and discretion assured. Write GALBA P.O. Box 11074. Daytona Beach, FL 32114.

Tailwheel instruction in Piper Super Cub at \$50 as hour including immucior. Immucioin for private, commercial, BFR also available in C-152, C-172, Call Jim @ 760-1630.

#### -) Personals

the world may never know. We may never know, but it sure will be fun trying to find

DELINQUET BOY. Happy birthday! I hope it's a good one. SQUISITY

Thanks for the joiting experience. THE CRASH CREW

The sanitary habits of certain dorm girls are truly diagusting. How can you roll out of bed, skip the shower, and go to class, five days a week? Jogging pants, boxer shorts and dirty awest shirts are scurmey and unattractive.

EMBRY-RIDDLE LADIES -Calibacy stinks. Please give generously.

DAN F. What were you thinking?

I love you. Do you love me? Please, please! (I want to hold you) Someone made a million bucks off of this (exclamation point) Who is the real idior (question mark).

It's finally time to go. So long, and thanks for all the list ROLAND

Gor enough chopsticks for that temple yet? By the way, we must do something about all those frogs and spiders.

This will probably be the last personal to you for a long white. BUDDY

Our love signs are so true! And I have really fallen in love with youl Love always Anyone interested in SCUBA diving off West

Dave is a honer.

Watch for it.

Would you per chance have some gostment, perhaps a side of gerbil? AVION PRODUCTION MANAGER

Happy birthday, you Gr-8 gall You're 1-derful! Hope you have a day free of 10-uon. MONTE PYTHON DRIVER

FUDARS. Cowboys from hell.

I can't BELIEVE you did that I I of the crash

Why is it you server see bumper stickers like "My son is a terrible brat" of "My son funked out of Tomoka Elementary?"

Way to go Wayne Newbyl I'm sure you echo the feelings of many students. D. LAUGHIAN

TRUE COMPANION. Roses are red Violeta asv. blue But YOU are PUURPLE!

YOUR BIG LUC

Alpha Phi Delta, There's no stopping us now.

Alpha Phi Delta, The beginning of change

ATTENTION DORKSII The salt shekers are not toyell if you can't find something else to play with you really OBSERVER

TO MY TRUE PRIENDS! You know who you are, I now realize the same. Thanks for sticking by me Even when I denied your excisiance. That's the least I can say. LOVE YA, THE B. OF 2ND EAST

#### GREEKS & CLUBS

RAISE A COOL \$1000 IN JUST ONE WEEK!

PLUS \$1000 FOR THE MEMBER WHO CALLS! No obligation. No cost. And a FREE IGLOO COOLER If you quality, Call 1-800-932-0528, Ext. 65

## Get involved in Substance Awareness Week

Friday 5:30 pm in the J.P.R.S.C. Cocktails



Condoms

OUR OWN FRESH BAKED BREAD and COOKIES

Phone 257-3145



Subs & Salads

HOURS 11:00-10:00 Mon.-Thur, 11:00-11:00 Fri. & Sat. 11:00-9:00 Sunday

FREE DELIVERY Monday - Friday 11:00am - 3:00pm NE Corner of Beville and Nova in the Promenade Shopping Center

SLICED FRESH

Fax

257-3181

Daily Special

2 - 6" Cold Subs

2 - Medium Drinks 2 - Chips or Cookies

> Not good in combination with any other offer.

\$6.79

FREE

Regular 6" Sub with the purchase of any sub of equal or greater value.

> One order per coupon. One coupon per customer Not good in combination with any other offer. Expires March 15

\$1.00 off Any footlong sub

Any night after 5:00 pm offer good through Mar. 15

> Not good in combination with any other offer

#### Wormholes (continued from page 81)

@ 760-9218 or Bill @ 258-0143.

Need a ride to Tennessee or somewhere along

the way? Will leave around April 25. Share

gas, Lots of room. Box 5604 or 756-8941,

Flight instruction - Most types given.

reasonable prices. Phone 255-2264 - Isave

MULTI-ENGINE SHARED EXPENSEL

Bahamas 3/12/93 - 3/13/93. 2) Daytona -

CROSS-COUNTRY FLIGHTS: 1) Daytona -

Tanga altitude charater field trip and USAir

tour, 3/21/93 - 3/22/93. Multi-engine training

Palm Beach on March 14th for \$25 call Tim-

by ATP, MEII tailored to airline standards.

CkB (904) 226-7563.

If the hole is now stopped and a craft were to zoom through the hole to the other end., it would emerge at noon. This is due to the fact that the time in the wormhole was noon and bence the time the craft exits the wormhole is also noon.

The craft now has one hour to get back to the wormhole entrance if the crew wishes to see themselves enter. The craft speeds off and arrives at the entrance at twelve fifty-five, just in time to wave to themselves entering the wormhole.

Next week in The edges of science... Space Technology Editor Brian Gamage will discuss a theory of the genesis of the universe and how it predicts the existence of "Dark Matter."

The information contained in this article was gathered from the following sources available in the Jack R. Hunt Memorial Library.

Wormholes, time travel and quanturn gravity by Redmount, Ian, New Scientist, 28 April, 1990, pg. 57-61. Cosmic Time Travel by Freedman, David H., Discover, June

1989, pg. 58-64. Maker of Worlds by Freedman, David H., Discover, July 1990, pg.

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