

#### **SCHOLARLY COMMONS**

Avion

11-22-1989

#### Avion 1989-11-22

**Embry-Riddle Aeronautical University** 

Follow this and additional works at: https://commons.erau.edu/avion

This Book is brought to you for free and open access by the Newspapers at Scholarly Commons. It has been accepted for inclusion in Avion by an authorized administrator of Scholarly Commons. For more information, please contact commons@erau.edu.

# SGA SPONSORS FLEA MARKET, DEC. 2

An Award Winning Newspaper by Students for Students

Volume 63, Issue 11

Embry-Riddle Aeronautical University, Daytona Beach, Florida

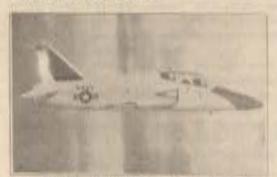
November 22, 1989

#### Campus News



Many students have been ticketed recently for parking illegally, but few are aware of the school's parking rules.

#### Aeronautica



The T-45A Goshawk trainer has been selected by the Navy to replace older T-2Cs and TA-4Js. Page 14

#### Space Technology



The shuttle Discovery will light up the sky during a rarely scheduled night launch tonight. Page 12

#### Diversions



Debble Gibson jammed a packed house at Orlando Arena last weekend. A receptive audience greeted the singer Page 17

#### Clubs



Army ROTC prepares for its leadership awards ceremony on December 7. A picnic will follow the ceremony Page 7



The Riddle Eagles will face Queen's College in a basketball showdown this Friday. The game will be played at home Page 9

# Students charged with felonies

# Daytona leads the state of Florida on fake ID arrests

Copy Editor

Section 322,212 of the Florida penal code states: It is unlawful for any person knowingly to have in his possession any blank, forged, stolen, fictitious, counterfeit, or unlawfully issued driver's license or identification card... Any person who violates any of the provisions of this act is guilty of a felony of the third degree.

What does this mean? It means that owning a fake LD is a federal offense punishable by up to five years in fail or a \$5000 fine. Furthermore, the appearance of a blotch as hig a a felony on a person's criminal record will bar him/her from entiatment in the armed forces, job opportunities with major airlines, positions in the government or any job for which a security clearance is a prerequisite. A felony will even strip a United States citizen of the right to vote.

Prior to 1985, the crime was only a misdemennor, but in that year it was upgraded to a felony. The difference is immense. In the year 1989, Embry-Riddle students who entertain hopes of working with an airline and who are convicted of a violation of Section 322.212 will find themselves anable to obtain a job. The crime is taken that seriously.

As harmless as a "fake LD," might seem, the consequences of being caught with one are quite severe and far-reaching. Seemingly, a lot of Embry-Riddle students are not aware of this, Otherwise, the Daytona Beach Division of Driver License would not site Embry-Riddle Aeronamical University as accounting for over 50% of the arrests made for attempting to obtain fraudulent identification. Already, since the beginning of this semester, Frankie J. Robson, Driver License Supervisor II, estimates having arrested 15 to 20 Embry-Riddle students.

Last Wednesday, two students were arrested--poe for attempting to obtain a fraudulent driver's license and the other for the crime of "supplying any personavith a driver" license or identification card," The first student to be incarcerated was applying for a driver's license using the other student's identification card. He was arrested at the Department of Highway Safety. The second student, who had supplied the first with identification, received a phone call from Think twice...

Many others have tried and failed as well. As a matter of



Director of Safety, James Tyson. He me was arrested. Residents receive their driver's liscense I.D.s. Some students, however, mistakenly These two students are not alone in their failed attempt. assume there's little or no penalty for the use of take I.D.s, when in reality, the repersee ARREST, page 10 Cussions can be both grave and long lasting.

# ERAU Precision Flight Team wins al

by Michelle M. Boullianne Special to the Avion

Embry-Riddle's Precision Flight Demonstration Team swept clean the Region IX Competition held in Tuscaloosa, Alabama. The competition began on Wednesday, November 8 and ended Samrday, November 11.

All around the Flight Team won first place in Ground Events and second place in the Flying Events. The team won the Top Team trophy with 182 points with Auburn placing second and Miami-Dade placing third, Cris Nicholson won the Top Pilot Award for the second consecutive year. Auburn won the coveted Safety Award.

Head Coach Mike Wiggins commented, "They did a good job, prepared Champions ... hard, everybody knew their job, and they did it.

06:00 competition members began to from left, top) taking home the top pilot award. gather at the Flight Line. They packed up three planes, a van, and a car and headed towards Tuscaloosa. The planes were di-



Once again proving the worth of Embry-Riddle flight training, the procedures for staging or preparing the On Tuesday morning, November 7, at Eagles won top team honors, with Cris Nichols (pictured second aircraft for the competition line up. The

IFR, but they still arrived one hour ahead tices for the ground events. Everyone of the ground vehicles. Once the team ar- turned in early to recuperate and get up verted by weather and proceeded under rived and settled in, the coaches ran prac- early the next morning for practice.

The following day everyone was up early and the coaches ran a few rounds of ground event practices. The competing pilots were taken to the airport for a series of dual and solo flights. The pilots familiarized themselves with the airport and adjusted their techniques to compensate for the new surroundings. The pilots then practiced Power-On and Power-Off landings as well as Navigation. That evoning the team was given a pep talk by head coach Mike Wiggins and got psyched up for the competition.

Thursday morning marked the beginning of the competition. It started with a Mass Briefing headed by Bonnie Gann of the Merritt Island 99's and Page Pappas of the University of Alabama who coordiwas to the mated the whole competition. There all of the rules were gone over along with the first event, Computer Accuracy, was held following the Mass Briefing.

> The Computer Accuracy event consists of using a manual computer to figure ad see FLIGHT, page 10

# Six week Boeing strike ends in harmony

by Joe Cambron

Diversions Editor

Boeing's ongoing strike with its 55,000 machinists has come to an end. A tentative settlement was reached over the weekend that will be a moral victory for both

Boeing which had promised shareholders that only a sories of yearly pay raises (4%-'90,4%-'91, and 4%-'92) conceded only in raising its pay bases. Though relatively expensive, it is believed that the increases will allow Boeing to remain competitive with the European Airbus consortium.

The Machinist Union promised its members that it would not accept the company's "4-4-3" solution, but eventually did agree to a restructured "4-4-3." The agreement will effectively give employees the 10% pay raises they demanded.

Sources say both the union and the Scattle-based aircraft manufacturer were under increasing pressure to at Airbus' North American counterparts could lessen the come to a settlement. Union members were clamoring to disadvantages associated with Airbus' eleven month return to work prior to the psychologically important Thanksgiving holiday.

The agreement also comes upon the heats of a \$12 biltion potential aircraft sale to Delta Airlines, putting an even greater strain on the Boeing production lines. With

late deliveries already disrupting airline plans globally, Boring was also being put under pressure by such groups as Guiness Peat (an Irish aircraft lessor) and General Electric (an engine maker).

Economists concerned about the company's ciratic trade deficit have noted Boding's late ahipments in their accounting of recent upswings in the deficit.

Domestically, Boeing's problems have been shared by their Long Beach neighbor-McDonnell Douglas. Troubled by delivery delays and labor strife, Douglas has atrained under the pressure of massive orders much as

Boeing has. American, a major Douglas customer, has even been forced to reduce service at its Nashville, Tennessee hub due to aircraft delivery delays.

Seemingly the party with the most to gain from Boeing pay increases is their European competitor Airbus. Airbuit did, however, lose a massive order to Boeing and Douglas recently. Long term, though, cost increases

Boeing employees were scheduled to ratify the company's new contract in a special meeting at the Kingdome early this week. Just released results show see STRIKE, page 10 fourth quarters.



phonitis direction

Delays, delays... United Airlines, whose 737 orders have been delayed by the strike, expects to receive less than half less than half of its

#### Associated Press

Hawaiian Airlines' parent company turns third quarter profit

HONOLULU (AP) Hawaiian airlines' parent company turned a profit, albeit a comparatively small one, in the third quarter of this year, it announced Wednesday.

HAL Inc. reported a net income for the quarter ending Sept. 30 of \$324,000, compared to a net profit of \$470,000 in the third quarter last

Through the first nine months of the year, however, HAL reports a net loss of \$12.7 million, after losing more than \$13 million in the first two

That compares to a net loss of \$1.48 million in the first three quarters of last year, HAL said.

The latest third-quarter earnings reflect a reduction of interest costs from the repayment of borrowed money from the proceeds of equipment sales in

the second-quarter, HAL said. It also reflected income from the leasing of four DC-9 aircraft to another carrier, the company said.

HAL's operating revenues during the third quarter totaled \$100.4 million, up \$4.1 million from the third quarter of last year, HAL said.

The increase in operating revenues was due premarily to a \$4.8 million increase in overseas charter revenues, it said.

Soviets ready to buy 747-400s

SEATTLE (AP) A top official of ASDA, a newly formed Soviet airline, says he is ready to order 25 Boeing 747-400 jumbojets worth \$3.5 billion for the fledgling operation.

Boeing Commercial Airplanes officials said Thursday there had been negotiations but no agreement, sale or lease.

Last Thursday in Vancouver, Wash., ASDA vice president Igor Shocklov said the company wanted to buy the latest model of the 747, partly for use on flights over the North Pole between Seattle and Moscow,

KIRO-TV reported Thursday that Peter Belov, Schocklov's interpreter and friend, said ASDA had placed an order for 25 747-400s and had been given preliminary approval to lease a 747-200 for

a Moscow-Seattle flight next July for the Goodwill Games. Belov said a purchase agreement would be signed Nov. 26, with delivery

set for 1991. Tom Cole at Boeing Commercial Airplanes said Boeing had been talking with ASDA about fleet requirements in meetings as recently as Tuesday, but he said there had been no sale nor any talk of specific numbers of air-

planes. Asked about delivering newly ordered 747-400s in 1991, Cole said, "I think we're essentially committed all the way out five or six years."

#### Delta announces the purchase of McDonnell Douglas, Boeing jets

ATLANTA (AP) Delta Air Lines will buy up to 260 new jets from Mc-Donnell Douglas Corp, and Boeing Co, in a transaction valued at more than \$10 billion, the carrier announced,

The planned purchases of MD-90s and Boeing 737-300s over the next 11 years is in addition to \$13 billion in orders announced previously. Delta now has 519 new jets on order as part of its drive to expand service and replace older aircraft.

Delta agreed Tuesday to buy up to \$2 billion worth of V2500 engines from International Aero Engines, a five-nation partnership ted by Pratt & Whitney of East Hartford, Conn., and Rolls-Royce Ltd. of Great Britain, to

power its new fleet of MD-90 aircraft. The Atlanta-based carrier also agreed to buy as much as \$1 billion worth

of CPM56 engines from CFM International, a joint venture of Fairfieldbased General Electric and the French manufacturer Specima. Those engines will power Delta's new 737-300s, which have 120 seats.

Delta ordered 50 Boeing 120-passenger 737-300 jets and took options

for 50 more. The first planes arrive in 1993. Delta ordered 50 of McDonnell Douglas Corp.'s new 150-seat MD-90 jets and took options to buy 110 more. But 60 of those options were originally placed last year for MD-88 aircraft and converted Tuesday to MD-90 options, Delta said.

Deliveries begin in 1994. A year ago Delta ordered \$10 billion worth of mostly international-range

jets for expansion in Asia and Europe. In all, Delta now has 182 orders and 337 options for new jets worth \$23

Delta is putting a lot of financial effort into keeping a modern, efficient fleet as we continue to grow," Chairman Ronald W. Allen said at a news conference Tuesday.

Allen said Delta expects to expand capacity by 5 percent to 7 percent per year over the next decade.

Delta has the youngest fleet of any major U.S. carrier, and Allen said the airline hopes to maintain an average aircraft age of about 8 years by retiring older DC-9s, Boeing 727s and 737s.

This will give Delin the ability to go either into a heavy fleet replacement program or, depending on the market, a heavy growth plan," said Paul Karos of First Boston Corp.

Allen said Delta expects to pay for the new planes primarily with operating revenues. He said the airline, which earned a record \$460.9 million last fiscal year, is committed to keeping its debt low.

Allen said the purchases won't mean fare increases because a modern fleet saves money in the long run. "I don't think our fare increases will exceed the consumer price index in coming years," he said.

#### Financially unstable Continental to buy \$4.5 billion of Airbus jets

NEW YORK (AP) Continental Airlines, which may be put up for sale, has agreed to buy 40 foreign-made Airbus jets for about \$4.5 billion.

Pinancially struggling Texas Air Corp., Continental's parent, said Thursday the new A330 and A340 planes would allow Continental to develop new markets and replace other planes in its fleet. The company said it was the largest single order ever for both aircraft types.

Houston-based Texas Air, the nation's biggest airline company, said up to 10 of the new jets may be assigned to its Eastern Airlines unit, which is struggling through an 8-month-old strike and bankruptcy-court reorganization.

In Mny, Texas Air placed a \$2.8 billion order, for 100 Boeing 737-300s, including 50 firm orders and 50 options.

Texas Air Chairman Frank Lorenzo, who earlier this year said the fallout from the Eastern strike might prompt the sale of sister Continental, told a news conference Thursday that Texas Air's directors would consider such a sale "in due course," He refused to comment

The unions representing machinists, ground workers, pilots and flight attendants have been on strike against Miami-based Eastern since March 4. The airline is trying to rebuild under Chapter 11 bankruptcy protection and has replaced the union workers.

In response to the Airbus order, a spokesman for the striking Eastern pilots said the deal showed Texas Air was building up Houston-based Continental to the detriment of Eastern.

"That's been the plan all along: that's the reason that Eastern is in the condition it's in," said pilots union spokesman Skip Orr in Boston.

#### Career Corner

#### Career Day offers career contacts

Career Day 1990 will be January 25, 1990 from 9:30 am to 12 noon, and 1:30 pm to 4 pm in the John Paul Student Center. Representatives from about about 20 companies will be on campus to talk to students about career opportunities. All facets of aviation will be represented from major airlines to manufacturers, airports, FBOs and government agencies.

All students are invited to attend Career Day, Contact with representatives of aviation industries will be most beneficial to those of you beginning your job searches. For those of you not yet in your senior year, it is a chance to find out how you can use your time at Embry-Riddle to become a better qualified candidate. This is an opportunity to explore career opportunities and learn about the aviation industry from people who are already in the industry. It is also a chance for you to let employers know the quality of students at Embry-Riddle,

Some company representatives will remain on campus the next day, Friday, to conduct employment interviews. Therefore, some of the employers may be looking for candidates to interview during Career Center on Thursday,

When you attend Career Day, you will want to wear the most professional clothes you own. So when you return to campus in January, be sure to bring proper interview attire with you. (Remember this would be a good Christmas gift request. Visit the Career Center for clothing tips.) Seniors graduating in April or next summer should also have a complete

There will be more information on Career Day and the attending companies when you return from the Christmas Break. The Career Center looks forward to seeing you at Career Day 1990!

#### Co-op Opportunities

Are you a Sophomore with a 2.5 GPA and majoring in either Aerospace Engineering or Aircraft Engineering Technology who would like to combine his/her academic and career interests with a work experience? Then the Career Center would like to talk with you about a Cooperative Education opportunity with one of the following companies during the Spring semester 1990.

#### Naval Air Development Center

Warminster, Pennsylvania

Assists in research, development, testing, evaluation and acquisition of Naval Aintion concerns.

#### Mitre Corporation

McLean, Virginia

Approximately 10 Co-op positions open. To assist technical staff conducting engineering studies of implementation plans for back up of National Airspace System and Control

facilities.

#### Grumman-St. Augustine Corporation St. Augustine, Florida

Provides engineering support to the various modification programs in progress. Works closely with Stress Analysts and Liason Engineers in determining necessary repairs and providing written engineering instructions and drawings to manufacturing for the actual repair of the

Textron-Lycoming

niceraft.

Stratford, Conneticut Assists in ensuring Aircraft engines components are structurally sound and well engineered through numerous testing techniques



THE CRITICS CHOICE



MEMBERSHIP POPCORN FRE MOVIE ON B-DAY MOVIE WITH TEN RENTALS

WE HAVE WHAT ERAU STUDENTS WANT

LARGEST FLIGHT SECTION IN TOWN

VIDEO CAMERA RENTALS

NINTENDO AND SEGA MACHINE AND GAME RENTAL OPEN 365 DAYS 10AM - 10 PM

252-3773 1500 BEVILLE ROAD





# WAVES BEACH BAR

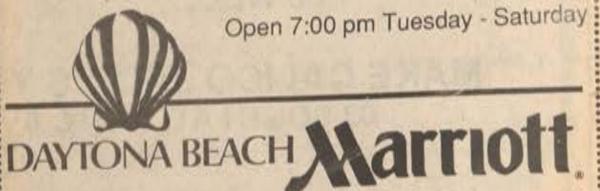
Tuesday - "South of the Border" Night Complimentary Taco Bar \$1.50 Margararitas, \$1.00 Mexican Beers \$1.00 Tequila Shooters

Wednesday - Ladies Night Out \$1.00 Drinks all Night Fashion Shows by Bikini Company

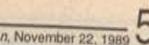
Thursday - Go Bonkerz with Live Comedy from Dangerfields Show Starts At 9:00 pm Post Show Drinks \$1.50 'till Close

Friday & Saturday

Twi-light Happy Hour 7:00 -9:00 pm \$1.50 Drinks, \$1.00 Drafts Live Entertainment 10:00 pm 'til close



100 North Atlantic Avenue, Daytona Beach, Florida 32018 (904) 254-8200





Strumming on my guitar...

Kyle Davis played several songs by various songwriters such as Billy Joel and the Eagles at the Attitude Adjustment.

# Kyle Davis brings music to University Center

by Brian Cerri

by Josh Mussat

ber 10, 13-17, 1989.

Space Technology Writer

Campus News Reporter

Musician and songwriter Kyle Davis brought a laid back and relaxing style his ordeal in Vietnam as of music to the John Paul Riddle Student Center last Friday as the Student a prisoner of war, Government Association (SGA) Entertainment Committee and the Student Activities Department sponsored another successful Attitude Adjustment.

A cheerful crowd and plenty of beer was on hand as Davis opened an acoustic guitar set with the famed Jackson Brown song, "Running On Empty". Other Hinckey eloquently groups and performers Davis represented were The Beatles, Don McLean, The drew from experiences Engles, Simon and Garfunkel, James Taylor, Billy Joel, and The Police, with in his career to drive an impressive performance of "Message In A Bottle"

The Big Chill sound track was also well represented with solo renditions of the songs "Good Lovin" and "My Girl".

Living in Richmond, Virginia, the 26 year old entertainer has been in the Hinckley said, "isn't necessarily a lost it. music business for twelve years and has developed what he calls an "acoustic function of what you say, it's what

folk rock style" with the guitar and piano. Although the set played on Friday was made up entirely of covers, be has inspiring and captivating stories of his today, and warned against the composed 30 songs of his own and is expecting to be signed by a major recording company in the near future. Davis describes his own music as somewhere 1973, where he was held in Hanoi,

between James Taylor and The Eagles. The only detraction to the show was the sound quality, which many students complained of as weak in places throughout the John Paul Riddle Student Center. Some of the performer's comments between songs were unintelligible torture which the North Vietnamese discussed apathy in the younger for this reason and initially Davis had trouble capturing the audience's atten-

But Attitude Adjustment lived up to its name as the initially mellow crowd duct which most U.S. military participated in each song more and more, clapping, singing, and whistling as prisoners clang to in order to preserve

semester, plans for the spring semester are in full student capacity. When the lists are completed, they

swing. Included in the plans for next semester is the will be forwarded to the appropriate department

tedious process of advanced registration. Every chair, who will determine if new sections should be

year, the office of registration and records holds the opened. The new sections will open, permitting

pre-registration period, so that students have their there are sufficient professors, rooms, and meeting

schedules completed before the semester begins, the specified fire codes. If no new sections are

This year, advanced registration took place Novem-opened, students must go through the process of

# POW speaks before students

by Brian Cerni Campus News Reporter

Omicron Delta Kappa, in their continuing effort to provide quality speakers to appear before students, presented Colonel Robert Hinckley last Wednesday, in the newly rededicated John Paul Riddle Student

Center. Currently the AFROTC Commander here on campus, Col. Hinckley has led a distinguished and impressive career in the Air Force as an F-4 fighter pilot, accumulating over 2500 flying hours, and 75 combat missions in Vietnam. Hinckley

has also received the Purple Heart and the esteemed Silver Sur for

Before an audience predominantly made up ROTC cadety, home the main theme of the talk: leadership.

Hinckley Leadership.

Col. Robert

you do." He supported this point with tween the pre-Vietnam War era and life between January 1968 and March after being shot down over North political reforms in Eastern Europe.

Army employed to break the "name, rank and serial number" code of con-

Interestingly, the North Viet- then your not a leader,

According to the director of the office of registra-

Even though there are still two weeks left in the computerized wait list for classes that exceed the 140, Humanities and Western Culture, and HU 141,

add/dmp or being forced entered.

efforts on the senior ranking officers in an attempt to destroy the set leadership order. Their reasoning was that without leadership, the majority of the prisoners would become demoralized, and easily controlled.

Although some prisoners broke under the pressure, a line of leadership and communication evolved with the most disciplined in command, "Personal strength in some kept everyone going," Hinckley said, as he talked of prisoners defying fear in front of their peers, "99% of the folks over there, as prinoners, you would have been proud to be with.

Also a main topic of discussion were the politics and the "lack of leadership" which went on in Washington during the war. "I didn't believe what we were doing was wrong in the carly stages (of the war). admitted Hinckley, but stated that the politicians fighting the war were the ones who

Hinckley also drew parallels be-American people being lufled into a sense of security over the recent

One of Hinckley's final points may He spoke of mental and physical have been has most powerful, as he generation, and how it is eating away at the foundation of the future, Leadership, he said, is the weapon which must be used to destroy apathy; "If you don't stand up and say wrong,

Registration for Spring semester aided by waiting In the upcoming semester, there will be many tion and records, a new policy this year is that of a new courses offered. Two new courses include HU

> Studies in the Humanities, Either of the two courses can be substituted for HU 123, English and Composition II.

New that the process is completed, students can sit back and relax, until finals, knowing the schedule they will have for next semester.

#### Student Government

## Athletic scholarships considered

by Peter Lee

Special to the Avion

Recently the administration has begun considering the possibility of offering athletic scholarships to qualified students who are also interested in obtaining an aviation oriented degree, According to Dean Kelly, the reason for considering the scholarships is two-fold. Since students began to voice interest in intercollegiate sports, the administration felt that if Embry-Riddle was going to compete in intercollegiate sports, the administration thought that the University should at least be competitive. To be competitive the University needs to attract the student athlete who is interested in Embry-Riddle but who would not attend because of financial reasons. Since such a large part of Embry-Riddle students live off campus, intercollegiate sports would help bring together students. However, in order to get students to come out and support the University's sports program, it must be competitive. The administration is trying to focus on offering students more than just a degree but an

## SGA Monthly Meeting

Thursday, Dec. 7 1:45 pm

SGA Divisions report on division activities, accomplishments and progress. Open to all students!

#### Computer project under fire

by Robert Jalali

Special to the Avion

When a new computer project, K.C.'s Deals on Wheels, was introduced into the four sections of Mr. Don Hale's Accounting II classes, more than a few problems arose. A lot of students complained because the project was not included in the course outline and not formally mentioned until five weeks into the semester. Students grieved about the \$22,00 price tag which the program carried. Further complications occurred when disks started going bad. The limited number of computer lab terminals that accepted the 5 1/4" disks created a long waiting list for the 130 students that needed to use them.

Members of the Student Government Association in conjunction with members of the administration met in an attempt to ameliorate the situation on Friday, November 10, Present were Molly Williams, Associate Dean of Students; Dr. Kenneth Fleming, Department Chairman for Business; Mr. William Chamberlin, Accounting II course monitor; Mr. Hale; John Wunder, SGA Representative; John Luke, SGA Business Representative; Robert Jatali, SGA Representative; and an accounting

Robert Jalali proposed to make the project extra credit. Mr. Chamberlin was opposed to any compromise saying that the program was essential to the course. From there, two hours of debate ensued, Mr. Jalali proposed to keep the weight of the program the same as a test, but at the same time, drop the lowest test grade. Mr. Hale decided to restructure his grading system and promised details on Monday. The meeting adjourned following Mr. Hale's decision, Dean Williams retrained from making a decision until hearing Mr. Hale on Monday

That Monday, Mr. Hale unnounced that he was going to drop the lowest test grade. This decision satisfied the department and the students and brought the case to a close.

# KOKOMOS BEACH, **JELCOMES** KEG PARTY 252-6232 1ST KEG IS ON US EVERY WEDNESDAY AT 8PM (WITH PROOF OF AGE AND STUDENT ID) KOKOMO'S FOOTBALL

BIG SCREEN T.V. OUTSIDE PATIO ADDITIONAL SCREENS INSIDE FOR YOUR VIEWING PLEASURE ON MONDAYS AND SUNDAYS

KOKOMO'S VOLLEYBALL

2 BEACH COURTS

KOKOMO'S "PARTYBALL"

OVER 5 GALLONS OF BEER, RIGHT AT YOUR OWN TABLE!

Not valid with any other offers.

**Buy 10 Chicken Wings** Get 10 Free

Kokomos

ERAU Expires 12-15-89

Kokomos





#### "A FULLY COMPUTERIZED TRAVEL SERVICE"

- AIRLINE TICKETS
- · CRUISES
- · TOURS AMTRAK
- HOTEL & CAR RESERVATIONS
- DOMESTIC & INTERNATIONAL MOST MAJOR CREDIT

CARDS ACCEPTED

1635 S. RIDGEWOOD AV.

IN THE COASTAL CENTRE

MON - FRI 9-5

BAT. BY APPT.

- \* TICKET DELIVERY AVAILABLE
  - **COMPLIMENTARY FLIGHT** INSURANCE

. SPORTS & ADVENTURE

GROUP TRAVEL

PACKAGES

- . BUSINESS TRAVEL SPECIALISTS
- . TELEX

SOUTH DAYTONA HOLLY HILL

1501 RIDGEWOOD AV. IN THE COASTAL CENTRE MON - FRI 9-5 SAT, BY APPT.

NEW SMYRNA BEACH

3512 S. ATLANTIC AV. IN THE COASTAL CENTRE MON - FRI 9-5 SAT. 9-12 TOLL FREE

# 

by Michelle M. Boullianne PFDT Representative

Congratulations to the Flight Team on winning the Regional competition for the fourth consecutive year!!

Now the team has to start setting their sights on Nationals. So practices will continue to be held. SCAN and Computer Accuracy will be conducted at 20:00 on Thursdays in G-109. Aircraft Recognition will be on Wednesdays at 19:00 in G-112.

Thanks to Scott Dreihaup, Steve Haddad, Shawn Phillips, Scott Traves, Larry Worley, and Michelle Boullianne for running a successful hamburger stand during Homecoming. Thank you to Dave Farman and John Foley for representing Embry-Riddle at the Kissimmee Airshow on November 11. Shawn Phillips went with an instructor and a Piper Cadet to Flagler's open house to represent the University and answer questions on November 11. Thanks also to Scott Tarves, Kevin Sheppard, Dave Farman and Michelle Boullianne for lecturing about pilot careers during South Daytona Elementary School's Career gathered in the auditorium. On November 9, Kenyon Childs, Dave Farman, John Foley and Michelle Boullianne has a great time helping Admissions escort fourth grade stu- coaches for their help and motivation.

dents around campus and answer their by Erinn Moore questions. Also on November 17 Shawn Phillips went to Highland tion and safety.

The seminars sponsored by the Flight Team and arranged by the Safety Officer Kirk Ladeau went very well. The seminar with Dr. Reinhart ran for two days plus students were able to schedule private appointments with him.

The FSS seminar presented students with a slide presentation on landings and an overhead presentation was given on weather including wind sheer and microbursts.

This week on November 20 through 22 the team will be helping to distribute food to the needy for Thanksgiving, On November 28 through 30, team members will be teaching AMT students how to taxi

Congratulations to John Foley for winning first place in the art category of the Flights of Fancy contest during Homecoming. And congratulations to Jay Maiato for being selected as the Week. Scot also talked to students team's new Safety Officer for the

Way to go team! Now let's keep going and put our minds on Nationals! The team would like to thank all the

# Sigma Chi

by Fawaz Atchoo Chapter Editor

What a weekend! The White Rose Formal on Saturday drew its share of members from our chapter, as well as the Alumni who always go out of their way to take part in this event. The Formal coincided with Embry-Riddle's Homecoming, so many of them were able to go to both. In any event, it was great seeing them again.

Apart from the festivities of this weekend, house renovations are moving right along as expected, with Brothers being temporarily inconvenienced as their rooms are worked on, but happy to find brand new rooms when they come back. With four weeks of school left, attitudes are turning more towards hitting the books to end the semester with positive marks. This studying combined with the rest of the socials should bring one great semester to a close,

## AAAE

Avian Correspondent

Last week, we had the fortunate pleasure of having Doug Smith, Vice-Presi-Elementary School to lecture on avia-dent of Marketing and Engineering for Piper aircraft speak to the club.

Born in Philadelphia, Doug wanted to be an engineer at first. So he tried to obtain a Navy ROTC scholarship. He didn't get it so he decided to attend an aviation school. Back then there were only three good schools to choose from: Spartan, Northrop, and Embry-Riddle Aviation. He decided on Northrop and went after his Engineering degree. While attending school he continued his flight training and obtained his CFI which allowed him to buy a acr and supplement his college tuition. Soon after he got a job as a drafter. He then decided to change majors to 3 yrs Engineering/Aviones degree or AME. Staying in California proved medically unsafe for him to stay so he left California in 1968 and attended Embry-Riddle where he remained until graduation in 1970 finishing second in his class. After Riddle, he decided to go back to Northrop to finish his degree and he obtained his Bachelors degree.

All of his experiences after graduation are too numerous to mention but they eventually landed him the position of Vice-President of Marketing/Sales and Engineering where he is today,

I thought he was an impressive speaker for his philosophy on life: "Focus on what you're doing, work hard, and have fun doing it"

Our next meeting will be November 30th and our speakers will be Glen Pochocki, Regional A.R.F.F. Engineer, and Rich Winnly A.R.F.F. Marketing Representative from the company Emergency One Inc.

#### CLUBS POLICY

- All articles must either be type-written, double-spaced or on disk (unformatted in Word Star or Microsott Word)
- Deadlines for submission of all club material is Wed., 5 p.m., one week prior to publication.
- Photos may be submitted with club articles.
- All submitted material becomes the property of the Avion with the exception of disks.
- The Avion reserves the right to edit all submitted copy.
- For more information, stop by or call the Avion office at (904) 239 6049.

## **ERAS**

by Michael Fried Club President nominee

Last week the club enjoyed the once a semester Mr. Gatti's night. The pizza was bot and the cokes were

On Sunday the club ventured out to

the Kennedy Space Center for a day of educational viewing. Club membern saw the Discovery on the pad which should be lifting off tonight.

Tomorrow is Turkey day in which its time to totally forget Riddle exists, so live it up finals are coming!

# Screaming Eagles

by Thad Tivin

Public Affairs Officer

Thanksgiving is finally here and have we got two great events for you. The first one is the R/C World 6th Annual Fall Flying Festival in Orlando. This show and competition is taking place all four days this weekend, November 23 through 26 and the ever famous Cloud Dancers will be there doing their superior precision flying demonstrations.

Secondly, on November 24 through 26, the Tangerine Soaring Championships for the 442 and the 444 will take place in Orlando. For more information please call Rob Takacs at 788-2481.

Seeing military aircraft in the local pattern is always an eye catching event. Recently we had several special military fly-overs.

What made them unique is that most of the pilots are Embry-Riddle graduates.

An Air Force B-1B bomber, two

A-10 "Thunderbolt II's", and Thunderbird number seven (F-16 Falcon) recently made low altitude flyovers. Thunderbird 7, piloted by

slow speed run across the airfield after shooting an approach to runway "seven-left" (7L) Often Detachment 157 Mumni will call in advance to inform flight operations that they are planning to make a fly-over. These advance calls allow AFROTC cadets an well as other E-RAU students to be in place for the low altitude passes. Ply-overs motivate cadets to work harder. These are the type aircraft many cadets dream of flying or Major Dave Junik, made a spectacular designing as future Air Force officers.

# Student Alumni

Congratulations to everyone who worked on Homecoming. It was a successful This year's turn out was considerably higher than the previous. A special thanks goes out to all the SAA members who helped with the Bonfire, the BBQ, Speaker Day and the Alumni Banquet We will be working on Exam Survival Kits on Saturday, December 2. We will be meeting in the John Paul Riddle Student Center Conference Room at about 10 am. We could really use some help. So if you have some spare time come out and lend a hand. Bring some friends!

The next meeting will be on Tuesday, November 28, at 5:30 per in library conference room 157 or contact student activities.

## Brothers of the Wind

by Delannor Mance

Club Correspondent

All club members don't forget that This past Saturday, November 18 elections are iomorrow in Room Ethe club held its annual "Feed the 611 at the regularly scheduled club Hungry Dance" at the Days Inn. It was meeting. Also, all candidates for new very successful. We would like to ex- membership, your attendance is retend our appreciation to everyone that quired. Please be prompt!



Join the Walt Disney World cast in a seasonal job you'll remember for a lifetime. You'll help spread Disney magic to others while you earn extra holiday money for yourself. We're looking for students, seniors, moms - anyone who takes as much pride in their work as we do Seasonal openings are available at the Magic Kingdom® Park. Disney MGM Studios Theme Park, EPCCCT® Center, and all our resort hotels. Apply early for the best positions in

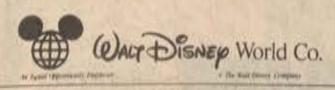
> Food Service Attractions Ticket Sales Custodial

Merchandine Transportation Culinary

Great full and part time positions also available. You must be at least 16 years old and have transportation. To apply, come to our Employment and Casting Center 7 days a week between 850am and 5pm. Just take 1-4 to the Disney Village exit (26B) and follow the signs.

All applicants must have proof of identity and employment cligibility. Bring Driver's License or State ID, and original Social

Security Card or Birth Certificate with you



JOHN M. GONZALES Advertising Manager



NEWSPAPER

Embry-Riddle Aeronautical University Daytonii Beach, FL 32014 (904) 239-6049



best solution. Announcing a contest for the benefit of our entire planet. It's "Math Is Radical," a chance for science and engineering. students to take their best shor at solving some of the world's most pressing problems. And Maniety. win some cash if yours is judged. among the best. Here's how to enter. Choose any problem you feel poses a threat to our planet - the suggestions above

should ger you started thinking.

Then develop a solution, complete

with the assumptions, formulas, and

graphs that support your conclusions.

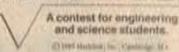
use MathCAD software to prepare your submission. But that'll just make the project go faster. Because with MathCAD, you simply enter formulas as you would on a scratchpad and let MathCAD do the work. Change a variable, and MathCAD calculates your new answers instantly. And because MathCAD is the world's most popular engineering and scientific calculating software, you'll be using a rool you can use for the rest of your career. You'll find a copy of MathCAD on your campus, or you can purchase it at a special student price of \$99 (reg. \$495) between now and 1/31/90.

based on appropriateness, thoroughness, and originality of the solution. First prize is \$1,000, second prize is \$500, third prize is \$250, and honorable mentions are \$100. Call 1-800-MATHCAD (617-577-1017

in MA) for your complete "Math Is Radical" contest kit, including full contest rules, and get started right away. Enter independently, or make it part of a claw project. or paper. But just make

sure you get involved. Because our planet can use all the help it





#### SHOOTING THE ROCK

by John Strelecky

of discussion on this campus regarding the possibility of ERAU offering athletic scholarships. With the recent growth and achievements made in our hasketball program, Embry-Riddle may soon have a set up that is on or above the level of its competition. The hig question in, without the incentive of monetary aid to the players, will the team ever be? This university fields a number of intercollegiate sports reams, all of which are composed of mediately mean that we won't have a people who are volunteering their successful team as some people may time to represent their school through think. Universities such as Duke and

athletics. What needs to be decided is, are these athintes going to receive some form of financial benefit for the time they put m7

There seems to be no middle ground on this issue. One group feels that giving scholarships to athlotes wouldn't be

fair to all those students who have for our athletes and still be a force in worked hard to save money so that the NAIA. If our university maintains they could attend and stay in this its policy of offering minimal school. They feel academic scholarships are good, but that athletic scholarships will be financially supporting students "simply because they are gifted athletes". The other side of the argument is, if the university is indeed going to try and develop a successful competitive sports program then athletic scholarships are a necessity. How can limbry Riddle expect to be on a level with other universities if they can't use some form of athletic scholarships as a recruiting tool?

The side of this question that really istent middle ground that was pre- recruiting some athletes.

picked 10 of 13 games.

Keep on picking!

will be no Mike's Football Pool as well.

MIKE'S FOOTBALL POOL

Last week's winner was Steve Schurig who correctly

Due to the fact that there will be no Avion next week there

viously mentioned. There seems to be Lately there has been a great deal a feeling among those that oppose the scholarship idea that the players recruited would not be academically qualified to attend this university if it wasn't for sports. This is not the case, we're not talking about having two different entrance requirements, one for students and one for athletes. The idea here is for Embry-Riddle to have student athletes, not two separate ideas, but rather one overlying and unifying concept. This does not im-Notre Dame main-

tain high academic standards for their athletes, and yet still Winning programs at the NCAA Div I level If those universities, and others like them, can compete successfully at that level, then there's no reason our school can't maintain high academic standards

amounts of academic scholarships, and that seems to be the trend, but they are willing to offer additional scholarships to academically and athletically gifted students then lets go for it. If the choices are either having a set amount of money going to academic scholarships and not offering any athletic scholarships or having that same amount of money going to academic scholarships and in addition having academically strong scholarship athletes (which would translate into more successful sports teams) then we hasn't been discussed is that non-ex- might as well get out there and start

# ERAU golf team completes Fall season

by Dick Bryant

Special to the Avion A young and inexperienced Eagle Varsity Golf Team finished the full season

in Orlando November 6th and 7th playing in the Citrus Bowl Intercollegiate Tournament hosted by Rollins College. It was the end of a productive season. The team stated the year with only one player who had previous experience

playing at the college level. Jim Dryden, a very consistent performer in the 1988-1989 season, led all qualifiers in September and began the first tournament, hosted by Stetson University and played at Indigo Lakes, as the teams number one player. Along with Dryden, senior Ron Peters, who will graduate next month, and five freshmen made up the seven man team. Paul Adam, Jeff Bujnowski, Dallas Keller, David Vecchio and Allan Wingate all played well in quadifying with Adam, Keller and Vecchio joining Dryden and Peters in the Indigo event.

A last place finish in a very strong field of 18 teams was disappointing but not unexpected. The following week, an ERAU hosted event at Palm Harbor Golf Club at Palm Coast would determine how these young men would respond under pressure. At stake was the chance to play in the Florida State Intercollegiate Tournament held in early November, Led by David Vecchio, the Eagles played well at Palm Harbor, beating both Eckerd and Flagler College to win a spot in the State Tournament.

ment, finishing eighteenth. On to Miami, November 5th, 6th, and 7th to compete against all the major four year schools in the state., a real challenge for the Engles. Realistically a 15th or 16th place finish would have been very good, but it turned out to be 18th and a disappointment. In this big event, Paul Adam surfaced as our best player with Jim Dryden and Dallas Keller close behind. Failure of one of the other three players to play up to their usual level

Ironmen...

was the reason for the 18th place finish.

The Orlando Tournament, a five man event, gave Allan Wingate and Jeff Bujnowski an opportunity to show how they could perform in tournament play. Wingate tied Jim Dryden for a team low for an 18 hole round, but Paul Adam continued his very steady and improving play, coming out of the 54 hole event as number one for it and for the fall season as well. Bujnowski showed steady improvement with his last round being his best thus far.

Inexperience and a lack of depth were major factors in these four tournaments. Looking ahead to the Spring, it appears that Adam, Dryden, Keller, Vecchio, and Wingate are ready to gain the consistency needed to make this team much more competitive. There will be five Spring events, beginning in Tampa in late January and ending in early May with the NAIA District Championship,

The highlight of the Spring will be the ERAU hosted event on March 16th through 18th at palm coast. Palm Coast. Playing a different course each day, 28 teams, including Kent State. Providence, Louisville, Rutgers, St. Johns, New Hampshire, and Yale will competé.

This tournament, which started just four years ago with eight teams, has become one of the best college tournsments played anywhere. This is proven by the fact that invitations for it are no longer sent out.

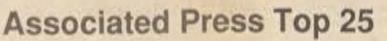
At the 1988 tournament several teams asked to come back in 1989 and the field was filled in early Fall.

Anyone interested in the game of golf should take a day or two and visit Palm Coast to watch many of the finest players in college golf match shots in this great tournament.

photo by Microsol Garrier

The ERAU Eagles will be there, playing and learning, building a team which

in a year or two promises to be most competitive.



The Top 25 college football teams as voted in the Associated Press college football poil are listed with their next opponent. Games will be played this week unless otherwise noted in parentheses.

- 1. Notre Dame at #7 Minmi
- 2. Colorado does not play
- 3. Michigan vs. #20 Ohio St. 4. Alabama at #10 Aubura (12/2)
- 5. Florida St. at Florida (12/2)
- 6. Nebraska does not play 7. Miami vs. #1 Notre Dame
- M. Tennessee at Kentucky
- 9. Arkansas at #14 Texas A&M
- Auburn vs. #4 Alabama (12/2) 11. Illinois at Northwestern.
- 12. Southern Cal does not play 13. Houston vs. #18 Texas Tech
- 21. BYLi at San Diego St.
  - 22. Penn St. at #19 Pittsburgh
  - 23. Duke does not play

14. Texas A&M vs. #9 Arkansas

15. Clemson does not play

16. Virginia does not play

17. W. Virginia at Syracuse

20, Ohio St, at #3 Michigan

18. Texas Tech at #13 Houston

19. Pittsburgh vs. #22 Penn St.

24. Hawaii vs. Oregon St. 25. Michigan at Wisconsin

## **Upcoming Basketball Games**

(H)Mainland HS

(H)Mainland HS

(A)Savannah

(A)Savannah

(H)Mainland HS

(H)TBA

November

The Embry-Riddle Eagles Golf Team ended their Fall

season with the Florida State Intercollegiate Tourna-

24th 7:30PM 25th 2:00PM

December TBA 1st

TBA 2nd 7:30PM 8th

January 9th 7:30PM

11th

19th

20th

23rd 7:30PM

(H)Mainland HS 7:30PM (H)DBCC? 7:30PM (A)Ft. Laud. 7:30PM

(A)W.Palm Bch. 7:30PM 7:30PM (H)DBCC (H)DBCC

Mars Hill Armstrong St.

Tournament

Queens Coll.

Kennesaw St. Methodist Mt. Senario St. Thomas Nova Univ.

Palm Beach At. Fla. Memorial Webber Coll.





I - wave drive with doors accept and windows up, or at least partially up. You don't warr on uninvited passenger

# For in well-ighted, busy creas, close to where you're going.

Freat your cat like a good frend-pamper if. Regular check-ups, plenty of gas, good turning condition. Check those tres while you're at it.

the same are also in spite of the pull off to the side of the road—hood up, doors are a "Help! Call Police" panner in rear window or light colored rag fied to arver a goor nandle. Dan tunical your door or accept a ride from any passerby.



MasterCard

## BERNKASTEL FESTHAUS

BAVARIAN PUB

LOCATED AT THE MARRIOTT FEATURING:

12 DRAFT BEERS-9 IMPORTS 50 BOTTLED IMPORTS

STACKED SANDWICHES **NIGHTLY SPECIALS 8-10PM** 

MON 2 FOR 1 IMPORTS (BOTTLED) TUE \$1.00 BECKS (BOTTLED)

WED \$.50 DRAFT SPECIAL SELECTION THUR GERMAN BEER NIGHT

\$2.00 HALF LITERS GERMAN DRAFT \$1.50 BOTTLED GERMAN BEER 

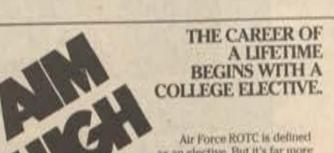
HAPPY HOUR DAILY 4-7PM \$1.00 QUARTER LITER DRAFT

COUPON 1 FREE T-SHIRT TO THE FIRST 100 PEOPLE COUPON 

Bring this coupon

OPEN: MON-SAT 10AM-12PM SUN 11AM-9PM

257-7790



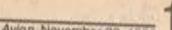
as an elective. But it's far more than that - it's a career development program that teaches you to be a leader. that develops your managerial skills, that helps you grow into a well-rounded and selfassured individual.

For those who quality. Air Force ROTC can even help pay for college through different scholarship programs. When you graduate, you'll be an Air Force officer. Proud. And confident. Contact

CAPT CRAIG WILSON 239-6878



Leadership Excellence Starts Here.





# CLOAK & DAGGER COMICS

154 W. GRANADA BLVD. ORMOND BEACH, FL. 677-6763 Open 7 days a week.



**Grand Opening** Cloak & Dagger 2nd Location 1343 Beville RD Corner of Clyde Morris & Beville Foxboro Plaza 788-8414

Grand Opening Sale 20 % Off All Games and Back Issues



127 OCEAN AVE 253-5224

M型M

\$1.50 Bloody Marys \$ 75 Bud Longnocks Live Guest Bund TWES

Goombay Smashes
Best The Clock
Beer and Coctails
Whithwinds

WED Blue Hawaiians Customers Wearing Ocean Dock | Shirts Drink For \$1.00 Whirlwind

下阴山脉 \$1.50 Daiquiris

\$1.00 Imports Whirlwing:

HAPPY HOUR 5-7 MON.- FRI.



Directly On The Beach

星川州

Annihors \$3.89 Photons Live Quest Band Whithwinds LIVE REGGAE EVERY NIGHT







=DAYTONA RADIALS=

spoke

Gold

Chrome, Black,

13105

# Ground breaking undergone for the astronaut Memorial

Space Technology Editor

The cornerstone of the Astronaut Memorial was dedicated last month by the families of those who lost their tives in the conquest of space.

The families placed fourteen gold stars into a large plaque inscribed with the words, "To those who gave their lives to bring the stars a little closer," 'The monument will be placed on Kennedy Space Center's Spaceport USA and cover six acres which overlook the entrance pond.

The award-winning design, entitled the Space Mirror, was created by the Holt, Hinshaw, Pfau, and Jones architectural firm in San Francisco. The design was chosen in 1987 from more than 750 registrants, one of them being past ERAU student Larry Rice.

The Astronaut Memorial Foundation selected the design which will use the sun to illuminate the names of fourteen US astronauts who lost their lives in training, testing, and flight.

The monument will honor T-38 accident astronauts Theodore Freeman, Charles Basset II, Elliot See Jr., and Clifton Williams; Apollo I crew members Virgil Grissom. Edward White II, and Roger Chaffee; and the Challenger crew of Francis (Dick) Scobee, Michael Smith, Ronald McNair, Ellison Onzuka, Judith Resnik, Gregory Jarvis, and Christa McAulliffe.

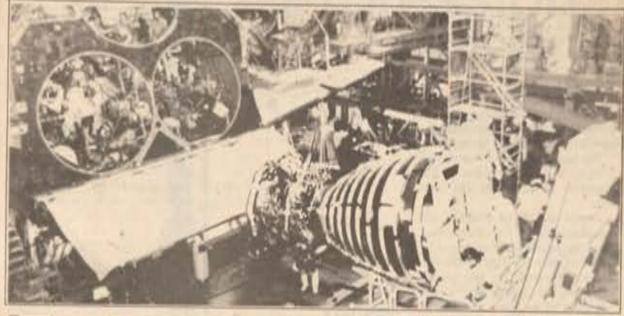
The impressive granite monument will measure 42.5 feet high by 50 feet wide and is funded by the Astronaut Memorial Foundation. The non-profit organization is rais-



Remembering...

This plaque is the cornerstone of the Astronaut Memorial.

ing the required \$5 million dollars from the revenue gained through the sales of the Challenger license plates in Florida, the Challenger 5K run/walk, and private contribu-



Routine maintenance...

The three main engines of the orbiter Atlantis were removed last week after it successfully completed the Galileo mission. They will be taken from the Orbiter Processing Facility to the engine shop in the Vehicle Assembly Building for post-flight tests. The routine inspections will be the initial step in preparing the highly efficient motors for another flight. Atlantis's next scheduled launch is in Feburuary 1990.

# Hubble replacement discussed

by Josh Mussaf

Space Technology Writer

Space Telescope in March 1990, a new generation of optical astronomy will take us into the 21st century. Even though it is not off the ground yet, autronomers are already looking into a second generation telescope to replace it after its expected 15 year

The scientific and engineering requirements for thia "Son of Space Telescope" were recently discussed at a seminar in Baltimore, Maryland. Though no overall consensus was reached on the specifies to its size, optical design, and location, it was agreed that the new telescope would have to be larger than Hubble Space Telescope to uncover major astronomical questions as the early evolution of galaxies and the existence of planets around other stars. The telescope could also search for Earthlike planets, and even study the chemical composition of their atmosphere to identify biological activity.

In general terms, the telescope will have a mirror 30 feet across and possibly as big as 52 feet. The Hubble Space Telescope has an 8 foot mirror. With the bigger mirror, the new telescope will be able to resolve object seven times more clearly than the Hubble Space Telescope, which itself represents a tenfold improvement over ground based observatories,

Like the Hubble Space Telescope, the successor would take advantage of being outside the Earth's atmosphere making it possible to observe a large portion of the electromagnetic spectrum from the ultraviolet range to the infrared.

Producing and putting a telescope of this magnitude will present many engineering challenges. The proposed 52 foot or even a 30 foot telescope would be extremely difficult to build and launch as one solid mirror like that of the Hubble Space Telescope. One alternative strategy is to cluster smaller mirrors together to create a continuous surface. Each mirror segment would need to be re-positioned many times a second to correct for minor distortion among the segments.

To transport the telescope into space, the new telescope will need to be kept extremely lightweight, possibly even down to 20 tons. This may also

pose a problem since, the mirrors and Fahrenheit, as well as the electrical would need to be one-tenth the weight of an equivalent ground-based sys-

The Hubble Space Telescope will be operational at a low earth orbit of 370 miles. At this low orbit, the Earth will block the telescope's view for half of each orbit and will have to periodically be re-boosted to avoid reentering the atmosphere. Potential locations for the new telescope would be in a high earth orbit, above 24,000 miles, or even on the Moon's surface. The farther out in space the telescope is placed, the better.

telescope could be the Moon. Since I's relescope would be placed on the a would eliminate the need for

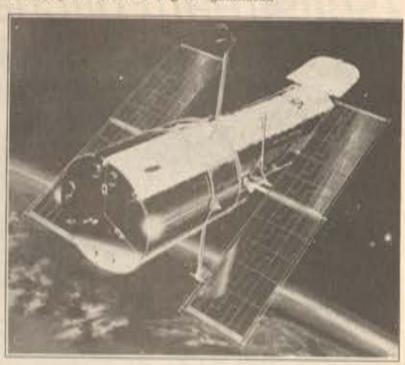
a spacecraft all together. What is even better, the Moon's gravity, one-sixth that of Earth's, makes that task of building large optical structures easier than in the weightlessness of space, Furthermore, the cooling systems required to keep the telescope chilled to -340 degrees

attached support and control elements power generator, could be located With the faunch of the Hubble of a 21st-century space telescope away from the immediate observing

> A 52 foot space telescope could detect Jupiter sized planets out to a distance of 200 light years, a volume of space encompassing more than 100,000 star. The telescope could also see features on Mars as small as 10 miles. The telescope could inventory the size and shape of comet nuclei and asteroids.

Planning time for such a project is typically 25 years, in fact planning for the Hubble Space Telescope began in the early 1960's. However, because the projected deadline for completing One of the possible sites for the new the telescope is the year 2010, experts will have to anticipate the advancements that will occur in optical technotogy, electronics, the space shuttle and an overall assessment of what the United States' commitment to space science will be over the next two

The telescope will be a joint endeavor between NASA, the European Space Agency, and other research or-



Looking back in time...

The Hubble Space Telescope is scheduled for use next year. Planners are already discussing a replacement for the telescope after its useful life. The new observatory will see up to 200 light years into the past.



134 Volusia Ave. Daytona Beach

## Atlantic Sounds Records, Tapes and CD's

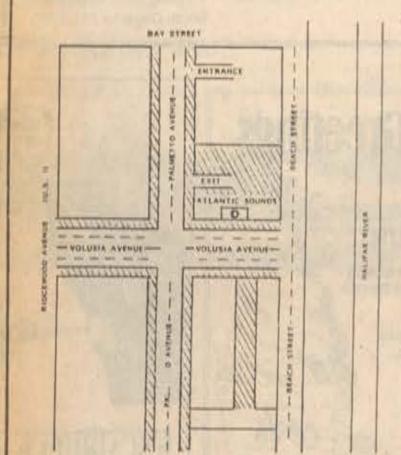
- Used Albums
- Used Cassettes
- Used CD's
- Used 45 n
- New Albums
- New Cassettes
- · New CD's
- New 45's

Rare Collectors Albums and 45's

Rock and New Wave Posters. (Like you've never seen)

Cash For Albums, Cassettes, CD's and Trades

Over 4000 Oldies 45's in stock



PARKING

138 Volusia Avenue Daytona Beach, Florida

9:00 a.m. to 6:00 p.m. Monday through Saturday

12:00 p.m. to 5:00 p.m. Sunday

(904) 258-1420



# BOEING 727

Training now included in the Professional Pilot Course AT Phoenix East Aviation

King Air and Boeing 727 Simulator Training 250 Hrs. T.T. \$17,950 complete

# Boeing 727 Simulator Training Available

- · Airline Interview
- 727 Familiarization
- Upgrade
- Proficiency



Phoenix East Aviation, Inc.

1-800-842-8704

561 Pearl Harbor Dr. Daytona Beach, FL 32114 904-258-0703



# Orlando Arena plays host to rocker Debbie Gibson



Electric ...

Debbie Gibson recently completed her Florida tour dates while combatting influenza. Gibson performed enthusiastically despite her illness.

by Joe Szarmach Staff Writer

Singer Debbie Gibson played to a packed house Saturday, November 11 at the Orlando Arena on the second leg. of her Electric Youth tour. The talented singer played for approximately 1 hour and 20 minutes and despite having the flu, put on an excellent show.

Debbie, tresh from a recent trip to Japan, played all of her popular songs including "Only In My Dreams", "Lost In Your Eyes", "Electric Youth", and "Foolish Beat", the song which made Debbie the first teenage artist to write, produce and perform a number one hit. In addition, the

sing a Motown medley that included the Jackson 5 hit "ABC" and the Supreme Hit. Stop in the Name of Love which was one of the highlights of the show.

Nineteen year old Debbie, a Long Island New York native, got her start in mosic playing the piano at age 4. But success didn't come

easy. She spent years taking acting and classical piano les-

Her acting lessons actually yielded the guret's and at circt. Debbie appeared in several plays and commercials, eventually even landing her as an extra in the original Ghostbusters.

At thirteen, she convinced her parents to conven their garage into a 4 track recording studio. Armed with a recording studio and years of lessons, the recorded demotapes and mailed them to anyone who would listen.

One company willing to listen was Atlantic Records. Not willing to commit to a whole album, Atlantic offered to release one song, and if it were to become a hit, she could record a complete album. The song decided on was Only in My Dreams" which set records as the longest charting single on three Billboard charts during 1987 - 28 weeks on the Hot 100, 18 weeks on the Crossover chart and an unprecedented 33 weeks on the Dance Singles

The album Out of the Blue, which she went on to record, eventually became triple-platinum, selling over 3 million

The sales of her latest album Electric Youth have already eclipsed the sales of her first album in less than 4 months.

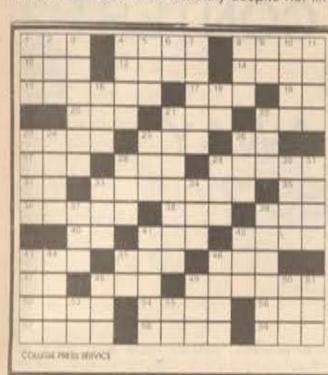
> The first single "Lost in Your Eyes" reached the number one spot on the singles chart at the same time the album reached the number one spot on the album chart making her the first teenager to hold the top spots since Stevie Wonder did so more than 25 years ogn.

The Electric Youth album is a departure from her debut album. Debbie has moved away from the dance pop sound that worked so well on her first album.

The album is a mix of per and an adult con an porary sound which seems to be an attempt to win adult and criticut praise.

This comes at a time when the dance/pop sound scenis / to be in demand, with women like Madonna. Paula Abdul, and Janet Jackson now filling the void.

After the international Electric Youth Tour, Debbie plans to change gears and produce and write for other artists in addition to acting in film. Her first movie Skirts is slated for production in early 1990.



ACROSS

E Fruit

12 S/n 15 Stalemates

re full re Symbol for underen 20 Opening 21 Container 22 Deily 23 Cry of owl 25 Rattle 26 Greek letter 27 Jan

27 Bea mayle 20 Be III SE MARKHATHIN

32 Sun god 33 Permitted 15 Futhir

DOWN I Footlike part

38 mer 39 Cry of crow 40 Concerning 41 Malos 42 i imbs 43 Asian ox

49 Conducted 46 Anger 47 Symbol for

48 Write 49 Aquatic marrinals. 52 Capital of Latvia 54 Extremely

56 New Leniano by Entrance

**БВ Рідрен** 

22 Weapon 23 Coursgeous person 24 Spoken

28 Suctay torer

Townt internal

6 Fauros talanda

7 Composition

10 Choir yours.

8 Food Huti

stell SOLUTION, page 10

AR Exchange

45 French arbus

# Volusia Square 8 Cinema A Tri-Star Belome

The toughest course ...

ANATOMY E

GROSS

After the international

Electric Youth Tour, Debbie

plans to change gears and

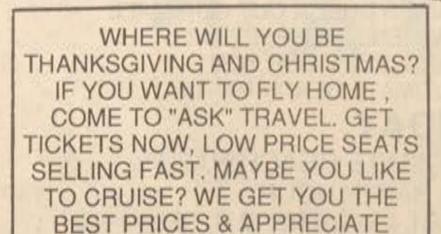
produce and write for

other artists...

Discounts with Student ID-Call 258-1146 for times

#### AMERICAN SCENIC ASK KORPORATION TRAVEL

\*\*\*\*\*\*\*\*\*



1500 Beville Road (Shoppes at Beville Rd.) Daytona Beach, FL 32014

Call Us About Our

YOUR BUSINESS

call Today (904)255-8687

for Coach Tours

"WE FEED YOU NOT FOOL YOU"

Stromboli, Calzones, Eggplant, Stuffed Shells, Manicotti

DAILY SPECIALS: Monday-Baked Ziti

Tuesday-Pizza

Wednesday-Baked Lasagna Thursday-Spaghetti

Friday-Ravioli

DELI, SUBS, PIZZA Fresh Fruit Italian Ices 1344 Volusia Ave. K-mart Plaza

ERAU

\$2.00 OFF LARGE PIZZA SORRENTO'S

255-1817



DAYTONA'S LARGEST SURF SHOP TWO FLOORS OF THE HOTTEST SURF WEAR!

GO HOME FOR CHRISTMAS WITH THE LATEST WINTER FASHIONS.



HUGE WETSUIT SELECTION! RAY BAN/SERENGETI

10% OFF

ANY PURCHASE (EXCLUDING SURFBOARDS)

> WITH THIS COUPON AND RIDDLE STUDENT ID

THE CHOICE IS OBVIOUS! SURF REPORT 253-1234

635 N. ATLANTIC AVE. DAYTONA BEACH, FL. 32118

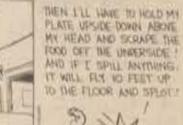
by Gary Larson

## Calvin and Hobbes

#### by Bill Waterson Far Side



MAN THE MOM CHA, THESHAD TO STAND ON A SPETLADORS











By the way, we're playing cards with the Millers tonight . . . And Edna says if you promise not to use your X-ray vision, Warren promises not to bring his Kryptonite.



Wouldn't you know it! . . . And always just before a big date!"



HAPPY ARROUT THIS HO SER

THERE! I THINK I CAM

JUMP TO THAT CHAIR AND HANG ONTO THE BACK



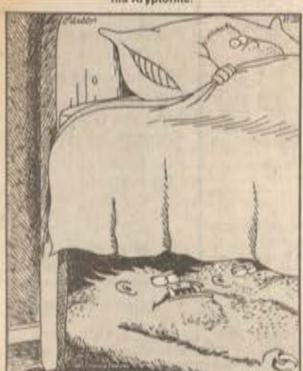
UP THIS BOOKCASE AND WHEN I GET TO THE BOTTOM SAILLE LEAP TO A CHAIR!

GEERONIMO 00!





GREAT JUST GREAT CALTIN, QUIT' BANGING AROUND!



"I've got it again, Larry . . . an eerie feeling like there's something on top of the bed.



"It's Henderson again, sir .... He always faints at the sight of yolk."



IM TELLING YOU. MY PER

SCHAL GRAVITY

REVERSED ITS POLARITY

TALL UP NOW!



THE BEIDY TRAFFED

I CONTLINE DO

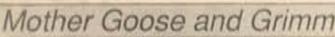
WIR THERE



THROUGH TH











Mister Boffo

DIE ON LIGT OF RIVAL

EXPLOREDS AMUNDSEN WAS LEAST ABOUT







by Joe Martin

SHE.

HERE COMES THE SUN .... HERE COMES THE A SUN....









GIANT RUBBER HITCH-HIKING THUBS.

















#### Autos for sale

Hans 511-Gold, 4 sp. manual, Power adors locks and mirrors. Sun roof. sureo w/graptic equalizer and ander Like new, 40,000 miles. Belongs pay college professor. \$5999. Call ext. dis 672-4999.

A VW Superbeetle-4 speed, green, rebuilt nas great. New starter, good tires and Reliable transportation. Body needs \$100 takes it. Call 252-7482

ar Pentise Grand Am-4 door, champagne, MFM sterro, A/C, tinted windows, tilt at excellent condition, 30,000 miles. saine \$6200. Call Vince at 257-9737 or Ted 357.6489 or either at 756-2121.

so Red Misia-Clifford slarm, waxoyl. and sall. \$15,000. Leave note in box 5378.

III Nissan Sentra-26,000 miles. Runs and 5 specif. A/C, unted windows. Must all Bought new car. \$300 and take over arments of \$150 a month for 38 months. If sensial call Pino at 788-5085 or leave resuge at box 5510.

and Fire Brays-Must sall! Graduating in oc Black, 4 door, 2 liter, 5 speed, for \$350 at Call John at 760-7305 or at Box 1177,

coss Hyndai Excel-Down payment neg. the ever payments of 188,00 per month. Call 253-7104 or leave message.

pun VW Jena CLI -Black, 4 door, 5 speed, meet package, A/C, non roof, AM/FM more 55,000 miles. Leltra, BBS wheels. 2704. Leave message if not in. Dil 253-0562

um) Bodge Occur-Reliable transportation, 4 ase Rift, A.C., Power steering and brakes. tim trans. Receipts of all work done rince 1984. Good condition. Engines runs good. se for yourself. Asking \$1300. Call Dee at TALLEY??

1970 Just C15-Oreal condition. 70% mud was custom wheels, perfect engine, \$2000. tics 677/2744 betwee 5 pm and 9 pm.

1962 Toyota Corrola. \$500 or best offer. Mast self! Gress car for new students. Call Kim 255-7547 before 7 pm.

190 Kawasaki-1300 touring loaded with mus Mint condition. Priced to sell, Call (hydina) 239-6375 (evening) 789-1223.

multilon, Only 1700 miles. \$1800 or best Patrick at 258-3044. #fm, Call 238-3618.

1913 Turtio Seca 650 Yamaha-Excellent medition, Only 16,000 miles Good tires, bilimit included. Must sent \$1300 or best offer 252-5388

1982 Nighthawk-Honda 550, Red Shaft done, overdrive. Two believes, cover, vindurene \$650, Call Kevin 257-6600.

1984 Bonds Aero 125cs Scooter-New die hard hattery, accelerator and oil control tables. Recently serviced. Excellent unduca. Dependable, maintenance free Interpretation 70 miles per gallon. Call Tom 11257-6733

#### + Cycles for sale

1980 Yamaha Maxim 650-New tim, great condition Luggage rack, ferring, \$700. Call Sun 257-4780.

1987 FZ600 Yamaha-Excellent shape, parl white/rest, 5500 miles original, 29 mm Mikuni race carbs, single scat cover, 2 Belmess. Must sur. \$1800 or best offer. Call

1986 250 Ninja-New back tire, new valves, mw timesip. Fast Great shape, \$1100 or make meros offer. Call James 238-0258.

#### + Roommates

Roommate wanted. Famale/non-smoker, 3 bodecom fumus. Washer/dryer, central air-\$200 plus 1/3 unlines. Located in Port Orange, Call 767-7251 for more info.

Inf resonance wanted in 3 bedroom, 2 bath house, for Spring scrnester, \$200 per month plus 1/3 milities. No deposit. Call 676-2909.

House on the beach. Roommats needed to their spacious borrow floor of femished beaute just across the street from the beach. Only \$187.50 a morth gets you your own formalished bedroom, full kitchen, living-dining foom area and full bath. Needed for Spring 90 or earlier. For more info. contact Steve at 258-0651 or Box 2601.

Wanted Male/Female to share 2 bedroom beachide apt. on Halifax, \$220 per month plus \$220 sucurity deposit. Contact Dan after 5 pm at 254-5173.

Roommate needed for Spring sementer. Indigo Pinns, 2 bedroom, 2 buth \$238 plus 1/2 utilities. If needed can move in December, Contack Mary or Dawn at 274: 1715

Resommate wanted to share 3 bedroom spi. with 2 other people on the river at Riverpount Apts. Clean person preferred, \$200 per month, Call 257-2524 (ask for Phil or C.B.) or during X-mas break 258-3312 (sek for

Room for rem (house). Master bedroom, private bath, two car garage. House in quest neighborhood. \$185 per month plan 1/3 stilities. House is furnished. Call Paul 788-

Room for rent to a responsible, mut, nonsmoking, non-drug using individual. Social drinker OK. Must have references. All utilities paid, washer/dryer, cable T.V., kitthen plus microwave oven Quietneighborhood. \$250 per month. No deposit. Call 788-0751

Roommate wanted. Male/female. Clean and quiet. 2 bedroom, 2 bathroom spartment. One mile from ERAU, 1/2 light and phone. \$270/month, Call 257-6951.

Roommate needed to share nice, modern, 2 bedroom apt., 2 miles from ERAU. Central air, microwave, washer and dryer, etc. \$200/month. Available Jan. 1, 1990. Call 274-5137 after 5 pm.

Roommate needed ASAP to share 2 bedroom, I both, full kitchen spartment. All you need is you bedroom familiare. Rent is \$190 per month plus 1/2 utilities. Call Tim at 255-

Room for rent, \$125 a month plus utilities. House with kitchen, cable garage. Privacy of your own room. Easy bike distance from school. Located off Clyde Morris after Halifux hospital.

Female roomouste wanted, \$220 a month plus. 1/2 electric and phone. I bedroom and I high available now. Folly firmished. Washer/dever-2 miles from IRAU, Yorktowne Villas, 175 Yorktowne Dr. #14. Call Marcy at 760-3128 after 11:00 am.

Roommates needed immediately. Two people to take over 4 month lease on 2 hedroom spanment. \$410 per month plus stillnies. Available mid-December, Lease until April. Tennis cours, pool, washing facilities. Less 0781 than 3 miles from ERAU, DBCC. Bruss 257-1622 after 8 pm, Will deal.

Roomman wanted at Cypress Landing Apr. Pool, tennis, recqueshall and more. Single 1884 Kawasaki GP2 550-Excellent bedroom \$210 and electricity per month. Call

> Off Riverside Riverview, 2 bedroom, 2 bath, great room, garage, screened porch, \$490/month. First and last deposit. Call 673-9699 or 239-6613.

#### → Misc. for sale

I won a pair of Carrera Porthe Design sunglasses. They are valued at over \$300. Great flight glasses. Want \$100 or best offer. Contact Jon at 258-2445.

16' Hobie Cat 4-sail. Come w/tilt trailer, 1 bucket seat, cables for 2 trapeze, extra rudder and arms, extension stick, rigged for I man set-up, misc. pieces, \$1600 firm. Possible figence w/\$100 down and \$100 per month. Todd 756-3933.

IBM XT TURBO Clone. Processes twice as fast (SMHz) as PCs(4.77MHz) and XTs, 2 Floppy Drives. Maximum Memory 8 Expansion Slots. Hercules Oraphics Moninse and Card. DOS. New \$1500. Only \$799, 12 Graphics Menitor, New \$1500. Only \$859. MHz 80286 \$1199. Call Joe at 238-7355 at Call Joe at 238-7355 at hight, 239-6051 day. night, 239-6051 day.

program. Minolta 280 px suto flash. Vivina new series 1 70-210 macro zoom, Minolia 50 Pastel sloeper cauch \$600. Call today 761mm 1.7 Jens. Hartimes. 2x convertor. Samigen 8659. power winder. Telsor 28-80 wide angle and case, \$1000 worth. Will take \$350, Call Pair of Stones tickets, Nov. 25 Jan Leave James 238-0258.

Car stereo. Jensen duck, high power outpen, low power output for amp. Separate base and treble. Soft touch tape insert and touch button effect. Tape equalizer, CD input. Preset Call Page at 253-4035. sistions, fader, and some mode. Need money asking \$200 or best offer, Have receipt. Call 760:1754 or Box 5302.

For sale: Also saxophone. Great condition, Yamaha, \$850 or best offer, John Best 2089 or 255-8627.

Catamaren. All extrasAruller included. 672-

Calculator-HP-41CV. Perfect condition Original price \$160. Will sell for \$90. Call Matt 274-1937 or Box 7188.

For sale: Waterbed \$50. Desk, Burnau, tables. Call 257-4780.

Semi-waveless waterbed, 6 drawers, mirrored headboard, includes everything. Mint condition. A smal at \$200. Call Chris at 760-

For sain: 2 38" lamps, 19" color TV, 48" TV cabines. Hors offers. Most well before gradiention. Bross 257-1622 after 8 pm.

Mouton for evening jacket (sheepskin sheared to look like beaver or seal). Came from Clearfield (PA) Forners, size B, wom 3 times, worth \$500. Asking \$100 firm. Call Harriet 239-6901, 8-5 weekdays.

For sale: Queensian waterbed, 5150. Most sell 0751as zoon as possible! Call 258-6353 (anytime).

Must sell: IBM PC 30 megabyte hard shive. 640K, 5 1/4° floppy, enhanced keyboard, amber monitor, and lots of software. Only 3975, Call Tom 672-0362.

Radar detector. Passport radar receiver. Over \$300. Now will sell for \$200 or best offer. It's not stolen. I don't have a car anymore. Call Sont 252-8232 or Box 6648.

For side: Yamatus PSR-90 electric keyboard, Pull size keys and many features including split keyboard and 4 track recorder with sarridge memory. Call Brian at 255-8481.

National 15 min. from Dullin Nat'l. Jan 12. \$100 or best offer Call today 761-2580 or 255-8044. Leave a message.

Moving sale. Must sell by Nov. 19. 6 pc. pine hving room ret, contemporary/colonial-Byund new, \$250. Antique desk, boxspring mattress (queen), fain, wall clock, large kryptonite lock, T.V. table, T.V. (19) Quarar). All go chesp. 258-0440, 149 S.

or best offer. Please call 788-0751

Parmitum for sale. Bookshelf \$10. Wooden student deak w/l drawers \$15. Chair \$5. Wooden bedeide table \$10. Please call 788-

#### CLASSIFIED AD POLICY

to the student body, faculty and staff of Embry-Riddle with a 35 word limit.

Commercial advertising is available through the Avion advertis-

Classified advertising is carried out by filling out a classified ad card in the Avion office.

Only one classified ad per card. Name and address of advertiser must be included for the ad to run.

Ads will run for two issues and may be renewed by filling out another classified an card.

No classified ads will be accepted over the phone.

lifectric guitar for rain, \$60. Call Sean 257. For sale: Schwinn World Sport. \$100 or best

For sale: 10-speed Cruiser. Blue Huffy For sale: Men's Raleigh Record 10-speed. Savannah model, one year old. Excellent Masson with aluminum whosls. Excellent

condition. Owner's marmal and set of bike books included. \$200 or best offer. Call 761- or Box 1112 or Dorm 1, Room 362. IBM XT TURBO Closs. Processes twice as

fast (BMHz) as PCs(4.77MHz) and XTs. 2 Ploppy Drives. Maximum Memory, 8 Expansion Slots. Hercules Graphics Monster and Card. DOS, New \$1500, Only \$850, 12 MHz 80286 \$1299, Call Jos at 238-7355 at night, 239-6051 day.

For sale: motorcycle belinet. Good condition. Contact Box 8692 or phone 253:5518 evenings.

Gum for rale: M1 Gamed, Springfield (Komm War) sazallant condition, High standard supercoatr sitution. 22 target piatol. Rox 7546 or 253-5518 avea.

Computer! Tandy 1000, 640K, color monitor, 2 floppy drives (5 1/4"), 1200 band internal modem. \$700 or best offer. 239-6170 day, 760-362% evenings...

For sale: Plans ticket from Daytons to Buttalo on December 17, \$90 or best offer. Call Mars 673-8584

IBM XT TURBO Close. Twice at fast as IBM PCs and XTs BMHz, 360K drives. 640K RAM. 8 Expansion Store Hercules

For side-All brand new furniture Comers and equipment. Minoha X-700 Entimainment Center \$120. Waterbed and handboard \$360. 6 Drawer dresser \$100.

name and phone # at Box 6133.

House Proline series electric guttar. Black stratocenter tryle body, 3 pickups, temolis, bard shall case. Excellent condition, \$350,

Fluids book \$30 or best offer 761-5737.

Waterbed for sale. King size. Asking \$125 Excellen condition Call 257/2224 Ask for Dave or leave message.

For sale: \$2500 for 1988 Hobie 17 2.8 cubic ft. Emerson refrigerator. Brand new, Price \$100. Council Thomas at 255-4079 (evening).

> 100% PC compatible compater system for sale, bust some CPU, 640 KB RAM, 8 MHz, 30 MB fixed disk drive, EDA high resolution modior. Comes with an excellent choice of software, 100% computible with PS/2 Model 25--only better. Asking \$1500. Incl. mouses. Call 760-4413

Oleander Ave.

Guitar for sale. Desperately needing to get rid of my guitar for money. Carlos 6 string acounic W/ORIE. \$60 or best offer. Call 788-

Attention RAC modeler. For sale: O.S. Max 40 FP model aircraft engine. Practically brand new and never been used. Asking \$55

5 piece brown couch, \$175. Also have TV/microwave stand, 3 drawer dresser, and desk with chair. Asking \$30, \$35 and \$20 respectively. Best offer takes anything. Contact Jun at 253-7038 or Hox 8255.

Non-commercial classified advertising and personals are free

All other non-commercial advertising is \$10 with a 35 word limit. Each additional word is 10 cents.

ing department.

For more information, stop by or call the Avion office at (904) 239 6049:

238-0720.

offer, Call Mike 672-0362.

Nike Air Trainer High: I pr. size 11, worn once, slightly large \$40, \$65 retail. Call Tad-

condition. \$80. Contact Enrique at 252-9401

5 pc. practice drum kit. All rubber padded to keep noise to a minimum. Great for beginners. CLUBHOUSH MEMBERS: or last night practicing, \$50. If interested call Lance 239-0392 or Box 3564.

One way sixplane ticker-From DAH to Newark (direct): Commental flight 755. Dep. 11:45 am Air 3:00 pm Dec. 15, \$125, Contact Lanes 239-0382 or Box 3564.

22 rifle for sale. \$50 or best offer. Lauce

Need to sell transportation voucher, \$240 for American Airlines only, Please call 258-9111 or Box 6127.

For rale: R/C Goldburg Falcon with K & H 40 angine, 4 channel MRC radio, electric start and Caddy, \$200, 12" black and white RCAT.V. \$25. TASCO 4x15 rifle respe \$20. Contact Ciris 258-3991 or Box 6031.

Kingniss waterfied with satin sheets and comfoner \$200 or best offer. Contact Jim st 253 7018 or Box 9255.

#### Miscellaneous

Noeded: Secretary attition, part time Jan 8, 1990 through April 16, 1990, 15:30 hours. weekly. Must have some experience. \$4.25 hour. Call Mrs. Firgerald 252-4669 for interview.

leave the morning of the 22nd. Will share night durt, if you're up to it. driving and expenses Call 258-6654 liric.

Newport News, Va. Can be dropped off in knows? Maybe you'll even get... Emporia off 95. Will pay 1/2 expenses, care PS leave snytime. Please contact me at Box 5390 or Dorm II Res. 167

To anyone who is remotally considering or for Thanksgiving, and who lives within 3 HOBBES hours of PA. Please contact Drew at Box 4158 or phone 760-7508

P.A.D.I. open water certification, \$100 includes all academic and pool instruction. Use of all SCUBA equipment PIC registration fees. Advanced, resease and diventantes available, 761-2021, Jan.

Going to Texas at X-mas? I can share expenses and driving. Call Tine at 238-0712 New York will be beautiful in June

Autine ticker, I way Daytona to Washington Wanted: 1984 OTI with low miles, no RICH, accidents, good condition. To buy or trade for "Yes is was !!" 1986 Jena GLI. Call Werner at 255-3562.

#### + Personals

PSYCHO PARIENTS. You have no choice. Learn to like your fitture son-in-law!

KAT Hove you more than anything.

TINA: Thanks for the encouragement and passence with my articles coming to-

FLIGHT TEAM, Way to go! Now let's present to put UND on their knoes!

TAMOPIDES.

MICHELLE

MICHILLE

The Relphencia came and kidnapped the Truffleon to L.I. The hurdling of chocolate didn't stop them. But they said they'd return bor in 1990. Miss-Ul

The sea has no more waves, the sen gives no warmth, and the wind no carressing bronze. I DARK MOON.

DISGUSTIID,

Chances are you know someone from the Children Gang. We're everywhere! You are just not privileged enough to become a member: (MHIP) FLIP

DAIL IN ENTERTAINMENT.

I'm surry for misspelling your mame the past two weeks. A good friend of your told me how to spell it correctly. We've got to go out real soon. Take cure cutie. KAT

BILL AND CHRIS,

MR. ED

You can run but you can't hide 'esone there sin't no mountain high enough Rrnuff We found out... kill!

CILUBITOUSE MEMBERS Mandatory meeting on Thanksgiving at Knn and Dire's place for food, wine and spirits. MAILLP-07

TO ALL EMBRY-STUDENTS: Happy Thanksgiving, M.H.I.P.17

THE CLUBHOUSE

MICKEY BOY

MICKEY BOY

MICKEY BOY

MOUTE

CLUBBOUSE MEMBERS Mickey Boy is back on the seam, he won't let you down again. The loss the PSU mcked! MIIIP

CLUBIIOUSE MEMBERS To our members that are going home for Tday Have fun. To the rest, see you at Kenny's and Dina's. MHIP

CLUBHOUSE MEMBERS: Get ready for X-Max. Secret Santa's will be Ever have one of those weeks from Hall? passed out. MHP MICKEY BOY

Lasten babe, you had better forgive me or elm Rambett will set you straight! I really do love CLC

Trun me. GEOFFR

LOBSTER MAN. Keep on rockin' in A 109. Grab us a couple I roud a ride to Hoston Ta or vicinity. I can of high over at Eagle and we'll have a nice

SMIIDLY, I need a ride for Thanksgiving! Going to Ioin the Avion, the benefits am great. Who

B.O.H. Are you ever going to move back in' I KNOW you can't pay rent in two places and knows of someous considering driving home keep up with all those elempters nights

> KAREN. Lat's throw a "key making" party.

How do you like being back in the dom?

TO ALL DELTA CHI PLEDGES: (ESPECIALLY DEAN)

Yes we are said the weather is just fine! You only wish you were with url!" THE GROUPIES

POND SLIME, You suck MADMAX

TO THE WORLD AT LARGE, It's a matter of how much booze and B.S. you pump into them. PSEUDO TINA

TO THE WORLD AT LARGE, Women are like dogs, they would rather be abused that ignored. PSEUDO TINA

MRS. SMITH,

The flush of your face.

in the whole world. This is what I seek. So do not speak. Only understand my life is with the world, too broad to fit a singular path. I mill teach, but lessons of living not of birthing. WINDRIDER

Silence is golden. Imagine no sound attered

Why so quiet? Ran out of things to say? Or did mality come into your life?!! MAD MAX

The dessen is delicious as your place. When can I have another taste? MR. SMITH BINO. The flash of your eyes,

h won't be long till I say goodbye And I'm out of this place. YOUR HARD WORKING BUSINESS MANAGER ITALIAN GUY,

Really sorry I didn't get your message, dods

Trip would've been great. How shoot another trip sometime soon? If not, how about getting together to hang out or have a couple of deinks? WATSON

Mickey boy scores another from Station.

That makes three. You guys better catch up.

BC is a close second with one. MHIP

MICKRY BOY RAZIA.

He was pushed, men!

DAVEPANZERA

CLUBROUSE MEMBERS:

Let's hear it for Plip who passed out rext to. To all the gutless wonders who have the BC's toilet. He is lucky no one wrote on him. authority to say comething about comoons and not have your name... TALK IS CHEAP

> TO AARON BROWN (SPEEDO-BABY) Please pay more attention to me speeds. I SPERIORITE

I watched your proud stride from afas and desired you. I watched your eyes sparkle as you laughed and longed to be with you. Thanks so much, I loved every minute of your tropical paradise.

WILLIAM, Nor the best place to talk, but here it is. Thank you. I can't explain for what yet, but I have the feeling I will owe you my thanks soon TINA

I shought I'd just write a personal for no reason whatsoever except to fill space in this newspaper, Furthermore, I won't leave my name to that you can't mally enspond But I bet you will myway-

MARTY. Nice job. (Note the samesm)

TINA

Once again our thoughts have turned towards you, and lingured for a breathtaking second ordy to break away to reality as usual. Love. BRIAN, KRESS AND J.

Happy Binbday! 2,987,923,238,878,137,098 seconds until I see you again.



Austern research who assistable—all levels

# 701 SOUTH, WHERE THE MUSIC IS IMPORTANT, AND EMBRY-RIDDLE STUDENTS NEVER PAY COVER\*



701 South
ERAU partys at 701 south
Never a cover charge for
Riddle students.

#### SATURDAY

\$1.00 DRINKS 9-11 pm

DANCE CONTEST WITH \$100.00 CASH PRIZE!

#### SUNDAY

SUNDAY, BLOODY SUNDAY!

2 FOR 1 HEINEKENS, MICHELOBS, AND MICHELOB DRYS PROGRESSIVE ROCK

IMPROPER DRESS
REQUIRED!

#### THURSDAY

METROPOLIS!

FREE DRINKS 9-11 pm 2 FOR 1 HEINEKENS. MICHELOBS, AND MICHELOB DRYS 11 pm UNTIL CLOSE

#### MONDAY

MIDNIGHT

FREE DRINKS 9-12 pm

Free Midnight Buffet, presented by Hooters

#### FRIDAY

\$1.00 DRINKS 9-11 pm

MALE &FEMALE
BEST BUNS CONTEST
WITH
\$100.00
CASH PRIZE!!

#### TUESDAY

SUNDAY. BLOODY TUESDAY!

FOR THOSE WHO
DIDN'T GET ENOUGH
ON SUNDAY!

THE DENTE OVER 21 MINORS ROCKIVE A DIRECTOR

"DISCRIPT FINE THERE NAME WHO WHO WHEN

#### Editorial

#### Positive impact

A recent "Reader's Editorial" printed in the Daytona Beach News Journal refused claims by a United States Senator that Embry-Riddle is an asset to U.S. aviation and local business."

The anonymous writer mentioned "the negative aspects of E-RAU in Daytona's back yard." His prime example of Embry-Riddle's negative impact concerned Embry-Riddle's airplanes.

"Student pilots' touch-and-go practice from 7 a.m. to 11a.m. adds to noise and air pollution," said the irate citizen. Obviously air pollution from Embry-Riddle's airplanes is minimal compared to anything including the writer's car. Air pollution by todays modern aircraft is negligble when considering the battered jallopies limping down A1A.

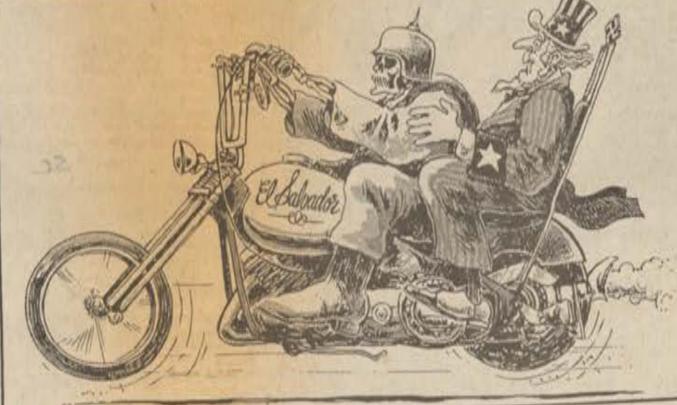
Another of the writer's complaints centered on the "rented dwellings inhabited by E-RAU atudents adversely affecting real estate values of nearby residences." Embry-Riddle students which reportedly bring over \$100 million to the Daytona economy, virtually make the nearby community dependent upon the out of state dollars that the depressed economy of Daytona so desparately needs. Though hardly an option, should ERAU leave the Daytona area, much of the local business' would collapse into a black hole of bankruptcy.

The residents of Daytona have often seemed to equate the annual spring-breakers and bikers with the Riddle students themselves. As polite as any student may try to seem, he/she is fighting a downhill battle in the face of a prejudiced attitude. Why do the many residents of Daytona seem so eager to jump on the anti-ERAU bandwagon? We are even slandered in the local screenings of "The Rocky Horror Picture Show" as local youngsters shout epithets like "Just like a Riddle student, you can dress him up, but you can't take him out."

These socially inept students just happen to bolster this town with community service projects (the Flight Team regularly visits the children's wards of local hospitals to boost the ailing spirits of the youngsters). The students of our school play an important role in the community, and arguments by the angry resident letter-writer that we drag down the costs of housing completely ignore the fact that most of the housing in the area is dedicated to the students.

We occasionally hear of problems in the clubs down on Atlantic with Riddle. Students although they may be a select few, unfortunately their inane shenanigans cast a dark shadow over the reputation of the other well-behaved students. If we decide to let these bad eggs govern our image, then we are guilty of burdening the community. It is important to for us to recognize the facts that not every kid at this school is an angel. we must persevere to rise above this image. Our image is our responsibility, and we have to live with this fact.

Despite our neccesary economic presence in the community, we still have not promoted a necessary social presence in the locality. Perhaps we should closely monitor the problems that those few Riddle students have created for the city. It is the city we must live in, and being friendly neighbors goes hand in hand with a peaceful coexistence.



Bill Day Print Tree Print

#### Letters to the Editor

#### Cheerleaders speak out

To the Editor:

I am very disappointed as a student and a cheerloader that the sports writer only mentioned one line about the cheerleaders at the pep rally. First of all, we have been working since March of this year getting this group together and learning our cheers and dances, and to only have one line written about us makes us feel like all our hard work went nowhere!

The pep rally was our chance to show our fellow students what we could do and those peop's who came saw how much work we put into this pep rally. So what about those people who couldn't come?

As far as they know all we did

was a dance to the music of the band! We've come too far to have no recognition for our hard work! If this is an award winning newspaper, I'd like to see the competition.

1989 Varsity Cheerleader Box 8502

Much like the cheerleaders, the newspaper staff is a dedicated group of essentially uncompensated students many of whom often contribute over fifty hours per week of their time to the production of the Avion.

Further, the Avion has printed several articles and photos on the cheerleading staff, including one on the front page photo. All students are welcome to contribute articles including to the newspaper members of the cheerleading staff

#### Free competition pondered

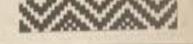
To the Editor:

I understand that it is the policy of for companies whose flight pro-keeping the flight program here grams are competitive with the Uni-funded, then perhaps it would be versity's, I happen to disagree with wise to start accepting the this stance on the issue of competitive advertising.

a capitalistic system which encourcompetition between businesses. In essence, the American economic system is based on the principal of Tina Matila survival of the fittest. The best busis Box 7832 nesses with the best services and the best prices will win the vote of the consumer every time.

If Embry-Riddle is, in fact, the best place possible to get flight training, then students will maturally choose Riddle's flight program over any of the local programs available. If not, students will simply take

their money elsewhere, Besides, if the University is as the Avion not to publish advertising concerned as it seems to be about "forbidden fruit" of airline donations. With these extra monies, per-To the best of my knowledge, the haps the University could upgrade United States of America maintains its flight program to the point where it wouldn't have to worry about ages free enterprise and healthy losing students to the flight prograns of "competitive advertisers."



#### Student Forum

#### The Avion asks: Would you rather the school use student monies towards a sports program or more parking?



Scott Donnelly

important Issue.

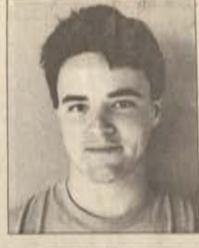


Brian Miller

parking, although I don't think

either is that important. I think it

could be better spent.



**Brian Smith** 

more sports.





Alan Wexler

get more school spirit.



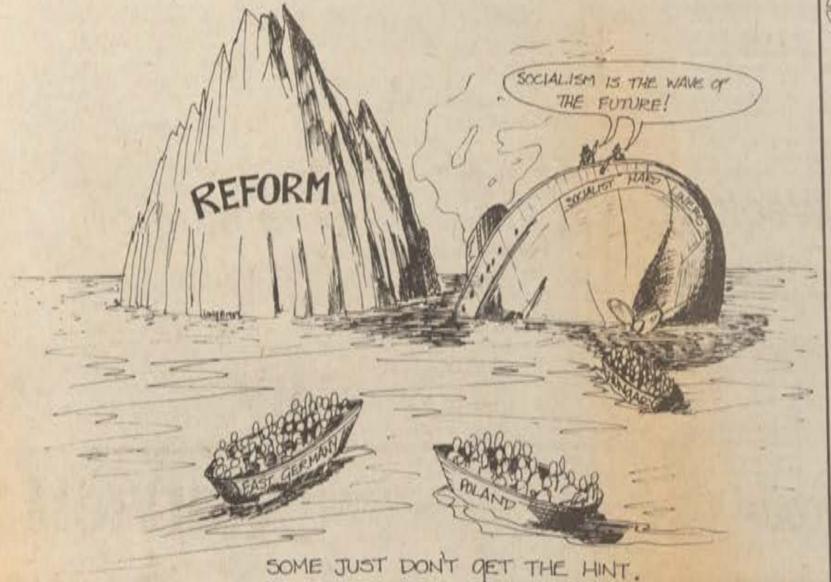
Scott Wariner



Alex Lohmann

Parking. It seems to be a more. I think I'd rather see it go towards. It doesn't matter to me. I guess. Sports program, because we'll. It depends. Since the school is. More parking because I think II to say parking. Parking sucks.

promote from their





D 1989 Avion

Photography Editor

Brian Gerk

Advertising Manager

John Gonzales

Business Manager

Brian Lessin

Production Manager

Brian Schermerhorn

Copy Editor

Tina Matita

Newspaper

Editor in Chief Michael D. Hotaling

Agronautica Editor

Kress Latham

Diversions Editor Joe Cambron

Campus News Editor Martin Kammerman

Space Technology Editor

Derrick Seys

Sports Editor

Michael Gomm Clubs Editor.

David Fekke

Adviser Dr. Roger Osterholm

Managing Editor Benjamin W. Brennan

This week's said! Score Corn. Main Front, Matt II Indones, Brait Massatter, Crien Massa, 2049 Massat, Grant Massat, July Brancas, Jones Brancas, July Brancas, Jones Brancas, July Brancas, Colone Corp. Science

The operation expressed in the Estates are home of the majority of the Editorial Space and do not recommy represent those of the University, the staff of the Astonian the management of the student looky. I altere appealing in the Astonian to that recommany reflect the operation of the University, the Astonian of the University, the Astonian of the University, the Astonian of the student looky and the second describes are those of the service, which is startified. Letters a majority and interview points are those of the service, which is startified. Letters in manual describes a startified to the service of the service.

restrict from the collection for the many and implying priced provided they are not been of the writer, who is elevated. I have a fact unrised their residence to a simple region. All tetters must be accordanced by the appropriate of the many transport or the unique region of the Editor.

The Arigin is an Associated the respect to the discussion of the Editor.

The Arigin is an Associated Physics resembles resembles residenced to the Editor. The Asian is produced by a valurable attacked powerful staff seastly throughout the academic year and in

The Artest is provided by a constraint student pourround staff easiety throughout the acceleration of a second provided the acceleration of the Ac

#### Commentary

#### One day at a time

by Greg Naccarato

November 23, 1989 is approaching. The rain and cold are sceping through your jacket. Your feet get wet when you step in a puddle. Breakfast is smelling good, someone has left part of a sausage biscuit and a bit of whiskey in the trash can. This will mean one more day of survival as you sleep that night in a storefront entrance. At least you are protected from the rain, which decreases the chances of catching pneumonia.

This is an illustration of a person who takes life one day at a time. He or the is a person who society classifies as homeless and a vagrant. Seemingly unwilling to work, and living off the meager contributions he can beg from

passersby.

Most of us here at Embry-Riddle do not see this type of person on a regular basis, nor do we wish to come in contact with them. They make us feel uncomfortable and guilty, for we are unsure of their actions around us and for all we have in relation to them, respectively.

We don't know if we will be mugged or injured in some way. Our conscience hinders us from enjoying the environment. Knowing and seeing these people up close with no barriers like television or cars really embarrasses the middle class person.

To avoid this cognitive dissonance, we keep great distances between our beings and those without a home. We also justify in our minds why these people are homeless and how their situation is their fault and not ours. Living in the street is unimaginable for us and we like to keep it that way. This is understandable, since the mind likes to be happy and not in conflict with two feelings.

If a person who is homeless comes up to us in the street asking for a dime or a quarter, those of us who have roofs over our heads, look forward and try to escape the personal interaction. We are not at fault to the lack of adequate shelter, or the availability of edible food. Or are we?

The United States government spends huge amounts of money on establishing committees and doing research into these problems. Much time and finances are wasted through the processes necessary to extend this help to the homeless. Of which, most of the time is inadequate to their needs,

We as private citizens do not help much either. Could we spend two hours a month volunteering at a soup kitchen, or donating more food or financial resources to foodbanks? Admittedly all of us are busy, but as I think the bigger picture. Human beings are only on this earth for a very short time, then we pass into memory.

As the world moves to break down political barriers, United States citizens have a tremendous chance to learn about different people in far away places. Our technology and manufacturing capabilities can spread to all parts of the earth.

Social barriers can be crushed within this great country of ours too. Learning about other people is done every day and many of us don't know each other. Learning leads to understanding which in turn leads to compassion. If we know the homeless people for who they are, then we might understand their problems and thus want to help.

Let us remember those that will not have enough to cat or a place to stay this Thursday night as we sit down to dinner to give thanks for our way of life and our future opportunities. We are privileged and look forward to lives in aviation.

Don't fly with your head in the clouds missing the drama of life. Get involved and help! A little effort by many people yields enormous effects And who knows you still might have time left in that busy schedule to cat all the turkey leftovers before Christmas.

# Security revises parking regs

Campus News Reporter

It has been well established that a severe parking problem exists on campus, and the Parking and Traffic Committee is continually creating or updating parking regulations in an attempt to make the best of a bad situation.

Unfortunately many of these changes often go unnoticed by students as most copies of the Parking & Traffic Rules and Regulations distributed to students who choose to register their vehicles end up discarded in the closest garbage can.

Because many rules are being misunderstood or ignored, James Tyson, Director of Safety, and Associate Dean of Students, Becky Robertson, met with the Avior to help clarify some of the latest parking regulation changes.

The most significant modifications are as fol-

Students now have the option of either paying cash or charging the cost of the vehicle registration decal to their student accounts.

Tyson explained that this addition was made to create a convenience for the students and to bring about a solution to the following scenario: Students who are wheel locked for not having a parking decal need to purchase one before their vehicles will be returned to them. Students can now handle this problem even if they are not carrying the proper amount of cash.

A Parking and Traffic Office has been established in the southeast corner of the John Paul Riddle Student Center.

Although unclearly marked, the office can be accessed by departing the south exit of the Student Center, and making two lefts.

The Parking and Traffic Office has the ability to obtain information about the registered owner of a vehicle from the license plate or vehicle identification number of a particular vehicle.

While many students argue that this capability is in violation of their rights, the information is in fact a matter of public record and is most often used to determine whether a car not sporting a parking decal is registered to a student or a visitor.

Two new violations have been added known as "Standing in a Fire Lane" and "Unauthorized Display of Vehicle Registration Decal",

The Parking & Traffic Regulations define Standing in a Fire Lane as "an attended vehicle stopped in a designated fire lane for purposes other than momentarily loading or unloading passengers," Dean Robertson stated that "at any one time, that area (a fire lane) has to be clear" because of the untimely nature of emergencies where fire and rescue vehicles are required.

Students should be warned that stopping one's car in the tire lane at the south end of the John Paul Riddle Student Center for the purpose of checking



Packed house ...

Apparently, some students are willing to repeatedly pay for parking violations. Perhaps they regard it as a price worth paying to avoid the trek from the shell lot when closer lots are full third violation, and \$50 to all subsequent citations.

the posted flight schedules is a violation of this law and one could receive a \$20 fine. Robertson said that the schedules are going to be moved to the other side of the Student Center so that the 10 minute parking circle can be utilized.

The other new regulation, Unauthorized Display of Vehicle Registration Decal, states that "no person shall have on, or in his/her vehicle any lost, stolen, improperly issued, fictitious or altered current ERAU vehicle registration decal.

Many students are going to see enforce-

ment of this regulation as another attempt

by the University to harass the students...

still a consistent problem" and said that until

Now the violation carries with it a \$40 fine with

possible added fees or disciplinary action for ex-

tenuating circumstances. "Why run the risk of

being caught for \$40 plus," Tyson warned, "in-

stead of just paying twelve dollars and registering

schedule of penalties for repeat offenders.

over a short period of time,

The Daytona Beach campus has adopted a

Without question, this is the most significant

change in the regulations as it can cause the stu-

dent to incur literally hundreds of dollars in fines

For the first and second tickets a student ac-

cumulates in one academic year, only the ap-

propriate fines will be charged. But additional tick-

recently, "There was no rule against it."

vehicle immobilizer, and a mandatory Student Court appearance. The vehicle immobilizer costs \$20 to be removed. Robertson agreed that the system is very controversial, but explained, "We're trying to find

The fifth violation also prompts attachment of the

some way to change the behavior of the student." in the past, some students would accumulate a number of ten dollar tickets, pay them off, and con-Referring to the surprising amount of parking time to park illegally. "To some people \$100 is a lot of money, but to some it's not," added

The proper display of vehicle registration decals will be strictly enforced during the 1989-90 academic year. The regulations state that, "The ERAU

vehicle registration decal must be clearly visible and properly displayed on the left sticker thefis on campus, Tyson explained that "it's rear bumper or affixed to the outside of the rear window in the bottom left corner, Motorcycles and

mopeds must affix the decal in a visible position on the left front fork. Many students are going to see enforcement of

this regulation as another attempt by the University to harass the students, but Tyson stated that it is necessary because of the limited number of Safety Officers, "We don't have the luxury of walking around each individual vehicle trying to find out where you decided to put your decal."

Finally, both Tyson and Robertson would like to encourage students to utilize the auxiliary sand lots, to the North of campus, as greater participation could alleviate most of the current parking problems. "We have empty spaces everyday over in the auxiliary lots," Tyson said, "You might have to walk five or ten minutes, but that's not going to ets induce further charges, with \$25 added to the kill anybody."

MONDAY NIGHT FOOTBAL ON OUR BIG SCREEN MON-

3.00 PITCHERS COORS LITE

WORLD FAMOUS .25 BEER NIGHT TUES-CUP NIGHT- 1.50 BUD/ MILLER

WED-1.75 MICHELOB/ MICHELOB LITE

THURS- 1.00 IMPORTS

FRIDAY- NIGHTLY SPECIALS

PROGRESSIVE NIGHT, PROGRESSIVE BEER SAT-

W/ PROGRESSIVE MUSIC

.10 BEER 10-11 PM

.15 BEER 11-12 .20 BEER 12-1

SUN 3.00 PITCHERS

DAILY HAPPY HOUR 5-7 PM/ 11- CLOSE

.50 BUD .50 MILLER 1.00 WELL

MAKE CALICO JACK'S YOUR PARTY HEADQUARTERS 02 SOUTH ATLANTIC AVENUE, ORMOND BEACH, FL. 672-6734

RAS

and over
WELCOME
You must be
21 to drink

#### SUNDAY-LADIES NO COVER

Amateur male dance contest. Win \$100 in cash Ladies \$1.00 drinks all night Tuesday is so good were doing it on Sunday

#### MONDAY-BIKINI CONTEST

\$100.00 cash prize \$1.00 drinks bar and call, 8 till 10 Two-for-one drinks 10-till

#### **TUESDAY-LADIES NO COVER**

Amateur male dance contest. Win \$100.00 in cash Ladies \$1.00 drinks all night long

# WEDNESDAY-CARIBE SUN CARE PRODUCTS PRESENTS DAYTONA'S HOTTEST WET T-SHIRT CONTEST

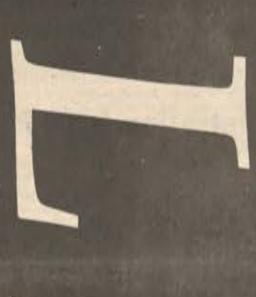
\$100.00 cash prize from Caribe \$1.00 drinks 8-10 bar and call Two-for-one 10-till

#### THURSDAY-LOCAL NIGHT IS BACK

Everyone drinks free from 8-11
Bar and call
Caribe Sun Care Products hot legs contest
\$100.00 cash prize from Caribe

#### FRIDAY & SATURDAY-WEEKEND BLOWOUT!

\$1.00 drinks 8-10 Bar and call Two-for-one 10-till





USE CARIBE SUNCARE PRODUCTS



DAYTONA'S ONLY TRUE NIGHTCLUB



Suncare Products



RAZZLES SEABREEZE & A1A NEXT TO THE OYSTER PUB

# Eagle Flight Center Has The Best...



# ...The Best Planes, The Best Prices The Best Instructors —That's Eagle

Here are just a few reasons why you should be flying our Decathlon

- Like new, low time
- Inverted Fuel System
- Inverted Oil System
- Smoke System
- Transponder equipped
- Voice activated intercom





# For Details Call: 255-3456

Eagle Flight Center • 1624 Aviation Center Parkway

We're Number One In The Air For Some Down To Earth Reasons.

## **FLIGHT**

(continued from page 1)

dition, subtraction, multiplication, division, weight and balance, rate, time, and distance problems, fuel consumption, conversions, and winds in flight. The event is based on accuracy as well as speed. In this event all five members video screen. This event usually consists of flying a simulator at different headplaced: Kirk Ladeau - first, Steven Brazao and Kevin sheppard - tied for second, Joe Simpson - fourth, and Hector Arencibia - sixth.

Friday morning began with the flight events. The Power-off landings lasted for two and a half bours followed by the Power-On landings for another two be held at the University of Illinois in April of 1990. and a half hours. In these events the pilot must try to make a precise landing within a designated area of runway, if not the pilot is penalized. There were be held at Miami-Dade College. The team's own Kirt Williams was elected as mineties portend to be. mostly cross winds and occasionally tail winds during the events.

Coach J.P. Walsh said that no matter how much the pilots practice, the conditions during competition are ones they never encounter during practice. In can follow unlike past competitions. He also hopes to set up a mailing list and Power-off landings Cris Nicholson placed fifth. In power-On landings Lance newsletters for Region IX. Coleman placed sixth and Cris Nicholson placed ninth

The Preflight event was held in the afternoon. A Cessna 152 was bugged with twenty-five discrepancies that would make the aircraft unairworthy. The competitor must find as many discrepancies as possible within fifteen minutes. some are obvious while others are tricky. Both of the team's competitors (continued from page 16) placed: Cris Nicholson - first and Kirt williams - eighth.

Later that evening at the University of Alabama's Ferguson Center the 5CAN or Simulated Comprehensive Aircraft Navigation event took place. This event consists of using a manual computer, a plotter, and a given sectional to figure problems, plot and plan a VFR three leg cross country flight, work climb, cruise, descent profiles for each leg, and answer questions on FARs pertaining to cross country flights. All five members placed: Hector Arencibia second, Steve Brazao - third, Keith Plumb and Jack Pollard - tied for sixth, and what Anne calls "an extrovert." John which move the audience both sud-Kirk Ladeau - tenth.

Immediately following the SCAN event was the Aircraft Recognition event. In this event competitors were shown a series of forty slide pictures of aircraft. Each slide is viewed for three seconds then the competitor has fifteen seconds a lawyer. Anne is the pristine wife to name the manufacturer, model number, and common name of the aircraft. who is afraid and embarrased by any In this event all five members placed: Erik Keifer - first, Thomas Jordan second, Doug whitson - sixth, David Arribas - ninth, and Steve Brazao - tentli. On Saturday, the two Navigation heats started the day. In this event the competitor plans a flight, altering courses and altitudes at different check points. figures times to check points, and fuel consumption, places are awarded acconling to the least difference between what was calculated and the actual performance and fuel consumption of the aircraft. In this event Cris Nicholson.

In the afternoon, the Message Drop event followed the Navigation event. In fulls of truths imparted without this event the pilot and the drop master must work in coordination to drop a pretense. Graham says "I read some-

two ounce balsa wood projectile with a ribbon streamer at a larget. The drop master must throw the bomb clear of the aircraft's slip stream and compensate for head winds while the pilot compensates for and cross wind. The pilot must also fly at 100 knots at an altitude of 200 feet. Thomas Jordan placed second (continued from page 1) and Jay Maiato placed eighth in the event.

This year the simulator event did not count for points due to the fact that a legitimate competition simulator was never scheduled nor ordered for the event. So the competitors did the event on a computer with a joy stick and a work today ings and altitudes. Trophics were awarded less the points. Erik Keifer placed first and Cris Nicholson placed fourth.

The team is already beginning practices for National competition that will

At the Regional Competition it was decided that next year's competition will the Region IX President for 1990.

Kirt hopes to set up a draft of By-Laws that all future Regional competitions should be well on its way to returning to its frenetic pace.

Graham the prophecy of the title is women become more and more at-

Cynthia is the sex crazed sister who planet" as well as the first-a liar and feelings of which her sister is capable--mainly sexual. Graham is the gypsy whose fascination with women and for a desire be cannot allow himselfsexual intercourse.

Interspersed throughout the script is a great degree of widsom and handtracted to the man they love."

Many elements of the movie are deals with men only as conquests-- impressive including the transitions is the cheating husband who is "the dealy and smoothly from scene to second lowest form of life on this scene and idea to idea. The stillness which represents Ame's journey to Graham's apartment as the film begins to resolve itself, is an elequent example of this innovative transitional method.

More than anything, the movie their sexual thoughts is his only outlet ends well, providing a resolution which is beautiful in its promise of both a future and a present

> "It looks like it's going to min," says Anne.

"It is raining," says Graham.

## STRIKE

that this vote ratified the contract. Employees were expected to return to

The problems for Boeing, though, are merely beginning, say industry watchers. A recent Pentagon scandal may force the company to cut off relations between the company's Washington office and the Pentagon.

In addition, a record backlog of hundreds of aircraft is expected to fill the Boeing production line for six more years.

Conversely, Boeing's future has never looked more prosperous than the

With employees back in .... uniony before Thanksgiving, the company

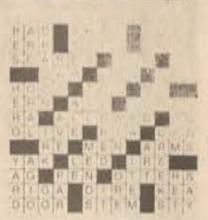
## ARREST

(continued from page

someone trying to get a fake LD. The from the law or rapists or murderers. examiners are very good at their job. Frankie Robson said, "Sometimes you can tell just by looking at them,"Some who are arrested refuse to cooperate with the officers and will withhold their names from the police. Those who do so are booked under the names John or Jane Doe and are placed directly in jail without bond or phone privileges until such time as be/she can be positively identified.

Detective Earl Sault, who often makes the arrests of those attempting to obtain fraudulent identification, said "Most of the kids that try to get a falsified driver's license do so to be

fact, the Daytona Beach Division 21." That would indeed cover a great the movie has earned the first two where that 'men learn to love the of Driver License is number one in the portion of Embry-Riddle's populawords of its title. With the entrance of woman they're attracted to, but state for arrests in fraudulent iden- tion. Frankie Robson said, "We hate tification cases. By reading body lan- to see the students come in here and guage and asking questions, the ex- get arrested. We'd much rather arrest aminers at the station can pick out the real criminals who are fugitives







An Award Winning Callege Newspaper

We have no tests, no exams, no quizzes.

We have only quality journalism.

Our class curriculum ranges from shuttle launches to black-tie receptions.

Our assignments mean interviewing the CEO of Piper, or photographing a Corsair while hanging out the door of an open-air cockpit of a barrel-rolling Waco. Our only presentation is the creation of an entire newspaper -- from only a few

ideas concieved the week before. Learning in our class means learning about yourself. Communication skills are a requirement for any job, in any career. The Avion teaches you to succeed in

the career of life. We need a full classroom. We need people who believe that success comes from hard work, persistance and determination. We need people who aren't

Tuition is free.

afraid to seek the truth.

To register, visit our office upstairs in the University Center.

If you have a desire to learn, to succeed and to be the best -- or, if you just have a black tie and a dinner jacket -- then join our class of education. Avion class.

Its a different kind of class.



Order Now Before Graduation Salesman on campus Monday Nov 27, and Tuesday Nov. 28 10am - 3pm. (outside post office)

**HERFFJONES** 



Visit Capt Jaffrey University Center • 4-7 December 89 • 10:00-2:00PM

by Josh Mussat Space Technology Writer

With the continued success of the space shuttle over the past year, NASA has rescheduled payloads that were to be launched during the full of the shuttle program. One such payload is Astro, a new observatory for ultraviolet astronomy. The Astro observatory was scheduled to have its

first mission in March 1986, but after the Challenger accident, many non-essential payloads were put back, to make room for more important payloads, such as the Magellen and Galileo space

The Astro observatory is composed of three scientific instruments and room for a forth, if necessary. The Hopkins Ultraviolet Telescope (HUT), was designed and built by the

on the aperture of a prime focus after the shuttle lands. spectrograph. The telescope will be used for studying faint astronomical objects such as quasars, active galac-

When we observe a star, it is so distant we only see a point of light, we cannot see any surface details.

far ultraviolet.

The second scientific experiment aboard Astro is the Ultraviolet Imaging Telescope (UIT) developed at



Intergalactic vision...

The Astro observatory was assembled and is being prepared for installation into the payload bay of Columbia. The mission is scheduled for April 1990.

Astro to view outer galaxy

Oy Josh Mussat

Center for Astrophysical Science of NASA's Goddard Space Flight The Johns Hopkins University, in Center, UTT is a powerful combinaconjunction with the Applied Physics tion of telescope, image intensifier, Laboratory there, HUT consists of a and camera. The images taken will be 90 centimeter f/2.0 mirror that focuses recorded directly onto sensitive incoming light from a celestial source astronomical film, for development

The final experiment will be the Wisconsin Ultraviolet Photopolarimetry Experiment (WUPPE). The WUPPE is

designed to measure the polarization of ultraviolet light from celestial objects. When we observe a star, it is so distant that we only see a point of light; we cannot see any surface details. The only

tic nuclei, and normal galaxies in the clues that lie to its shape and structure, or geometry, of the emitting light source lie in the spectral signature of its radiation. If that radiation is polarized, it may tell us something about its geometry, and the physical conditions at the source. Although the Hubble telescope will be doing identical experiments as WUPPE, the photometric precision expected from WUPPE will be much greater and more sensitive.

> When first planned for in 1986, a fourth experiment, a specially designed Wide Field Camera to view Halley's comet was included in the payload. Now that the comet has passed, the experiment will not be included in the Axtro observatory.

> Instead, the fourth experiment will be the Broad-Band X-Ray Telescope. This experiment will not be mounted on the Axtro configuration, but will be mounted on an independent pointer. It is hoped that correlating UV with Xray data will help astronomers understand the varying emissions of phenomena such as binary stars.

During the mission, the observatory will remain in the psyload bay and will return with the shuttle. The first mission for Astro is now planned for April 1990 aboard Columbia. Preparations are moving along at KSC for the upcoming mission.

The Shuttle will carry a seven member crew, including three mission specialists and two payload specialists. This will be the largest crew of a stuttle mission since the Challenger accident. The mission is not the only flight of the observatory, two more missions planned for Astroin 1992 and 1993,

# Discovery scheduled to light up the skies tonight

by Derrick Seys Space Technology Editor

Discovery is scheduled to lift off from launch complex 39-B tonight between 6:30-10:30pm.

The faunch was to occur on Monday evening, but a delay arose in the Solid Rocket Booster control system. The integrated electronic assemblies (IEAs) act as the brain of the SRBs and last week a possible wiring problem was investigated. The vendor thought the wires could have been routed in such a way that the insulation may rub off and cut power, commands, and data between the orbiter and boosters. They ordered the removal and inspection of the electronic brains.

The equipment was also removed from the SRBs to be used for the launch of Columbia in December, Columbia was moved from the Orbiter Processing Facility to the Vehicle Assembly Building last week and the incident did not delay the initiating of the stacking procedures.

A switch of the IEAs was made after the unit from Discovery's right SRB was found to be improperly wired. It was replaced with one of the IEAs from Columbia.

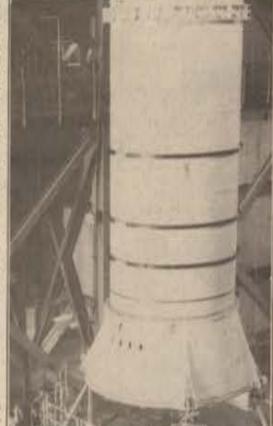
The hydraulic system also required a minor adjustment after a small leak had been found. A fitting was tightened and inspected after the testing procedures of the IEAs was completed.

Wednesday's launch date was set after flight evaluators determined the time required to change out the components. The launch will be the first night launch since America's return to space in 1988. It will be visible to all of Florida, weather permitting.

Discovery's mission is dedicated to the Department of Defense. Thus, the payload is secret as with much of the mission information. Sources suggest an observation satellite will be placed over the Soviet Union.

They are: Frederick Gregory, commander; John Blaha, pilot; and IEAs in Discovery's lower SRB segspecifiaists F. Story Musgrave, Kathryn C. Thornton, and Manley ments caused a slight delay in launch.

The astronauts for tonight's launch arrived at KSC tast Sunday. No problem...



## Crippen appointed shuttle director



Robert Crippen

by Derrick Seys Space Technology Editor

After the successful completion of STS-34, the appointment of several key positions made by NASA Administrator Richard Truly, became offective. One of these positions, director of the Space Shuttle Program, was filled by space veteran Robert Crip-

The new position will give Crippen the full responsibility of the Space Shuttle program operation. The new director will report to Dr. William position. Lenoir, acting associate administrator for Space Flight,

Crippen was the pilot of the firm has flown on three other shuttle mis- space last year.

sions. He assisted in the support of Skylub and Apollo-Soyuz Test Project prior to his shuttle experience; The former Navy pilot was selected ns an astronaut in 1969.

Other appointments included Arnold Aldrich to the position of associate administrator of the Office of Aeronautics and Space Technology and Brewster Shaw to the deputy director of the National Space Transportation System (NSTS), Crippen's previous

Shaw is also a past astronaut. He has flown on three shuttle missions. Aldrich was the director of the flight of Columbia in April 1981 and NSTS and led America's return to





Fine Lingerie

Purveyor of Fine Lingerie

Specializing in Lace, Cotton and Silk Lingerie

> 10 % Discount With valid ERAU ID. Hours Mon. - Sat. 10-5

226 Seabreeze Blvd. Daytona Beach, FL 32018 (904) 252-2927

Laura Mercer Feryl Sutherland

# LEARN BARTENDING

IN JUST 2 WEEKS

JOB & FINANCIAL ASSISTANCE **FULL & PART** TIME POSITIONS AVAILABLE CA\$H IN! CALL NOW DAYTONA 253-1045 **AMERICAN** 



BARTENDING INSTITUTE



ALL TRAVEL CENTER.

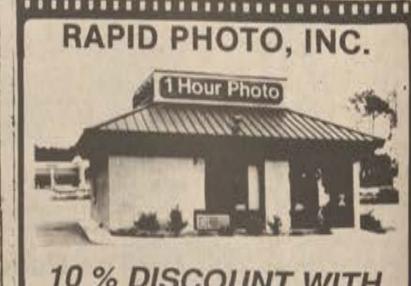
MON. - FRI. 8:30 - 5:30 SAT. 10-2 254-8125

1132 A BEVILLE ROAD . DAYTONA BEACH

Your One Stop Travel Store

DISCOUNT HOLIDAY FARES TO MOST DESTINATIONS STILL AVAILABLE

Call For More Details



10 % DISCOUNT WITH ERAU I.D.

DRIVE THROUGH WINDOW Hours 8am-7pm Mon-Fri Sat 9-7, Sun 11-5

LOCATED ACROSS FROM SPEEDWAY 1808 Volusia Ave. (904) 258-5051

\*

# avy says new trainer not fit for duty as planned

Aeronautica Writer.

Since the Navy's fleet of T-2C Buckeyes and TA-4J Skyhawk trainers has become tired, the Navy has been looking for a replacement. After months of competition, the Navy selected the British Aerospace/McDonnell Douglas T-45A Gorhawk trainer. A development of the British Aerospace Hawk trainer, the Navy now says that certain problems must be overcome before it will allow the T-45A to be procured.

The Navy has outlined five different squaks about the airplane that it says are imacceptable. The squaks include a powerplant that does not provide enough thrust, poor directional stability in the approach configuration, and not enough stall warning from the airframe itself.

Rolls-Royce makes the Mk. 861 turbofan used in the T-45A. The Navy contends that the engine does not deliver full thrust on their houest day tests, so they want more thrust. Rolls has proposed two options to provide the additional thrust. One requires the engine to be modified to run houer, and the other is to simply replace the Mk, 861 engine with a Mk, 871 engine. The first Goshawk prototype is being retrofitted with the Mk. 871 engine, and will completo its testing with that engine. Lackhister throttle response during landings also to be addressed with the engine change.

During landing tests, the test pilots have reported that the airplane did not demonstrate the lateral stability that the Navy dictated in the aircraft proposal for the T-45A. British Aerospace modified the second prototype with a six meh extension of the rudder fairing, and has installed a "no-float" rudder and yaw damper on the first test ship. An alleron/rudder interconnects have been initialled to work in concert with the yaw damper. Other proposals have in-

cluded a powered rudder system similar to the system used on the Hawk 200, Airframe stall warning has been deemed to be inadequate for training. Rudder shakers have been added, and a stall warning horn is under development. trainer,



Goshawk flies...

After McDonnell Douglas and British Aerospace correct some discrepancies, the T-45 will be the NAVY's newest

for production aircraft. The original wing was modified to have added ber, stall strips and a hard leading edge. These modifications were to sa the Navy's requirement of having stalling characteristics able to withstance additional weight of modifications over its career. The Navy says the moditions do not provide an adequate margin and want slats to be incorporated the wing design. McDonnell Douglas and British Aerospace are working modifications for the wings to incorporate the leading edge slaw

The Navy also complained that roll-off during the stall was excessive trainer. McDonnell said the wing modifications have brought the post stall

off to within standards. Other complaints were about the instability of the airplane if it was trime for hands-off flight and then the stick was tapped. The test pilots reported if the stick was bumped after it was trimmed, it would produce oscillations would increase before stopping. The response was to rebalance the stabil

A small stambling block was the fact that when the airbrakes were extenabove 270 kts the airplane would pitch up roughly. This was controlled a a pitch compensator. The Navy also changed their automatic airbrake retr tion speed from 300 kts to 340 kts. British Aerospace engineers have design modificationss to strengthen the airframe to accommodate the heavier loss

Eventhough there are still a few bugs to be worked out of the T-45A Navy has said that the reliability of the Goshawk has been outstanding. Ma tenance time per flight hour is half of what the Navy specified in its prope

to McDonnell Douglas and British Aerospace. McDonnell Douglas, British Aerospace and the Navy are working toget to work out the problems with the T-45A because the Navy's other trainers. becoming too tired to reliably train pilots. The T-45A will become the Nav. primary jet trainer after the problems are solved and will provide carrier in ing for the Navy for years to come.

# Gulfstream ditches SA-30 project



SA-30 mockup...

Swearingen's latest aircraft prototype uses slick aerodynamics to achieve high levels of performance.

by Brett E. Messimer Aeronautica Writer

On September 1, 1989, Gulfstream Aerospace Corporation terminated its partnership with Swearingen Engineering and Technology Corpomtion in respect to the SA-30 business. iet. Gulfstream is being replaced by the Jaffe Group, which is an aerospace investment consortium.

The main cause of the pullout was the fact that the SA-30's first flight kept being delayed. Gulfstream pulled out by saying that the SA-30. 'no longer fits into the company's long-range plans." Gulfstream will continue to explore the supersonic business jet with the Suhkoi Design Bureau of the Soviet Union.

Swearingen plans to continue with the project, and reports that they have accomulate over 600 inquiries about the aircraft.

The SA-30 is a small business jet designed to give long life, economical use, and bring higher technology into the small business aircraft field.

by Gulfstream, is pressurized to 10 psi

HOURS:

MON-FRI 12-8 SAT 10-4 SUN 12-5

and will seat six to eight people, in October at the NBAA Convention held in Atlanta, Ga., Swearingen displayed a full size mock up of the cockpit and cabin that included fully functioning systems,

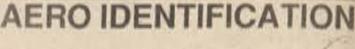
The airplane is made with conventional aluminum construction, and features many aerodynamic advances. seen only in high priced business jets.

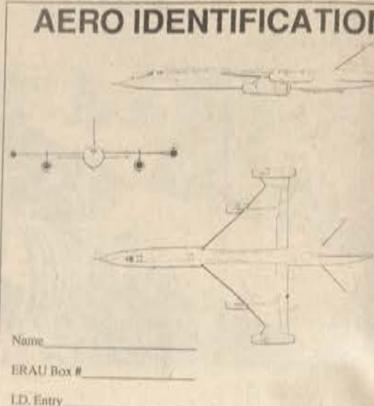
The landing gear is a trailing link design, that absorbs most of the roughness during taxting and land-

Interior was to be designed and manufactured by Gulfstream, and now will apparently be taken over by the Jaffe Group. The interior appointments will consist of pile carpet. natural wood, leather and woven fabrics. The avionics complement will be a standard IFR system.

Swearingen said that it has received over 600 inquiries about the aircraft, and estimates that a market of over 2500 aircraft exists.

Jaffe and Swearingen plan to con-The cabin, which wasto be finished time with the aircraft and make it a





Return this entry form to the Avion. The exact answer drawn, as to the identity of this aircraft will win a free submarine sandwich of their choice from Sorrento's Deli. The student publication staff, previous winners, and their families are not eligible.

**ERAU STUDENT DISCOUNT** 

SHOW YOUR ERAU ID CARD

DISCOUNTS ON AMMO AND ACCS.

AND RECEIVE SPECIAL

# ACE HOBBIES

One of the largest selections of

Plastic Models G. HO. N- Scale Trains. Paints and Hobbie Supplies

2127 S. Ridgewood Ave Across From Long John Silvers South Daytona 761-9780



"AREA'S LARGEST FIREARMS DEALER"

FIREARM STORAGE FOR ERAU STUDENTS. \$5.00 PER MONTH INCLUDES INSURANCE WITH IN/OUT PRIVILEGES. DISCOUNT FOR 3 OR MORE GUNS.

BE SAFE NOT SORRY

**607 VOLUSIA AVENUE** 252-8471

HOURS: MON-SAT 10AM-5:30PM CLOSED SUNDAY







GUNS AMMO TAXIDERMY KNIVES RELOADING HOLSTERS

ARCHERY CLEANING KITS TARGETS SCOPES **FLASHLIGHTS** BLACK POWDER



"NOT JUST YOGURT" 1500 Beville Rd.- Daytona Beach Beside Publix - Shoppes at Beville 255-5356

Radio Controlled:

Airplanes, Cars, Boats

Dune Buggies and Helicopters

10 % Discount to ERAU students

Mon - Sat. 11am - 10 pm. Sunday 1pm- 10pm.



Now available, bagels and specialty coffees from 7:00AM to 10:00AM.



310 Seabreeze Ave. Daytona Beach, FL. 252-2365

SLACKS THAT PILOTS FIND COMFORT IN



TRAVEL CENTER WE PROVIDE WORLDWIDE SERVICES STUDENT DISCOUNTS CORPORATE TRAVEL CRUINES AMTRAX CAR RENTALS AIRLINE TICKETS HOTEL RESERVATIONS FREE TICKET DELIVERY AMERICAN EXPRESS REP.

**CUSTOM TOURS** GROUP TOURS TRAVELERS CHEQUES ONE-DAY EXCURSIONS WORLD WIDE FAX OPEN EVENINGS

CALL TODAY FOR BEST HOLIDAY RATES!!

With 2 Locations To Serve You. Volunia Point Shopping Ctr. 1808 Volunia # 302 Daytona Beach 258-7774

Monday-Friday 9:s.m. - 8p.m. laturday 10:00 am to 6:00 pm

**Ormand Beach Office** B01 W. Granada Styd. #203 673-2106

> Hours Monday-Friday 9:00am-5:00 pm

Movie Rating System

A Good Movie, Worth the Money.

A Fair Movie, Worth Seeing

An Excellent Movie, Warth Seeing Twice

## Connell finshes Irish folk album

Copy Editor

"I am a singer of songs-the best songs I can find. And I really don't care where they come from," says Maura O'Connell. However, from the compilation of writers and musicians that appear on her new album Helpless Heart, her apathy for a song's origins do not exclude the potential for great roots. The album features the writing talents of Karla Bonoff, Nanci Griffith, Linda Thompson and Paul Brady along with the musical proficiency of players such as Bela Fleck, Mark O'Connor, Jerry Douglas and Russ Barenburg.

Besides being filled with talent outside of Maura O'Connell, the album soars and dips with the lilting notes emanating from her strangely rich voice which carries hour of the sound of bagpipes from her native Ireland Lyrically, the songs are clear and almost simplistic, but with the touch added by this Irish voice and the spirit behind it she redefines the more words to transcend to heights unreachable by any other female vocalist.

thereof. In "Just Like the Blues" she one seems typical on paper, but with

She sings of life and the trials and "Isn't It Always Love," "Cast a Long tribulations which are a natural part. Shadow," and "Only a Fool," Each



phone by Daniely Fisher

Talent...

Maura O'Connell has come to America bringing with her a hint of Ireland.

album which also share this theme are "stereo," Maura uses her voice to defy

sings of lost love and the confusion in-the aid of airwayes and the technology herent to it. Other songs from the which created the now infamous term the sentence passed on her music by its lyrics. In doing so she has redefined the old words "Wakes you up in the middle of the night in a cold "weat" to mean something more than its overused and misunderstood definition implies

With this album Maura has combined her musical influences over the past years with De Daman (her first band) with stylizations from the jazz, pop, disco, southern gospel and felle realms, all of which she mixes successfully with the music of her native Ireland. The instrumentation on this afbum is a wonderful combination of many different sounds which act as both background and accompaniment for Maura's voice. The list of muroments includes the concerting, harmonica, fiddle, piano, mandolin, flute, dobro, banjo, and uilleann pipes along with the traditional bass guitar drums and steel guitars. The final of fect is a sweet and sour mixture of sounds which move the listener through the music with a compelling and relaxing force which cannot be overstated.

in the film, Anne says "My life is shit, Just shit,

Honesty is the motive and the reason behind the

entire film, It is John's dishonesty which destroys

his marriage to Anne and it is Graham's dishones-

ty with himself and the ghost called "Elizabeth"

The movie also offers an interesting method of

curate image of the characters.

the office and in Cynthia's bed as well as Graham

in his car and at a gas station restroom. It is this very

shallow and surface introduction which lays the

foundation for a much deeper viewing of the players

The interplay between the movie's various

panorama of ideas and thoughts that are

molded systematically until the

audience comes to formulate an ac-

opens the movie on a strange beat where

a woman (Anne) is obsessed with the

idea of garbage and the threat of it over-

running the planet. Intermingled with

the conversation are scenes of John at

Anne's session with her therapist

Nothing's what I thought it was.

which leaves him impotent.

# Not Worth Your Time or Money Bunnyman McCulloch

At the Gate Wait For the Videotape

In the Ground

by Tina Matila

Copy Editor lan McCidloch founded Echo & The Burmymen in the early '80s and with them, paved the first steps for the post-punk movement that grew and eventually fathered the music of what MTV fana know as 120 Minutes. The list of accomplishments which came from Echo include "The Killing Moon," "The Cutter," "Never Stop" and countless others that will live throughout musical history.

Takeoff

After years with Echo, Ian Mc-Culloch has finally left the group of Liverpool musicians to work on a solo career. The result of his first solo effort is the new album called

Unfortunately, the album has not fived up to the legacy left to him by his comrades in arms. Candleland is a poor collection of synthesized tracks which lack any passion, life or flame. The lyrics seem forced and intentionally cryptic. He uses monotonous of would be performers such as Barry streams of artificially produced sounds to provide background for a voice that seems more fitting of bedtime fullabyes than the meaningful work of a talented and inspired

goes solo with new work From the first notes of the first son The Flickering Wall," the albuseems to be headed for the great van full of disappointing solo efforts mad by founding members of even the be bands. Indeed a is: Words that become interchangable because of either th tone with which McCulloch lets the spill forth or because of the meaning lessness of them all plague the albuin general. In fact one song, "The White Hotel," repeats the same lin over and over again until the repetitio becomes annoying. He sings the lin

> which is painfully obvious. Even the title track is a an exercisfor any listener's musical endurance testing an audience's ability to survive the tedium from which the song suf

"Ringing all the bells down at the

white hotel" with a forced enthusiass

The other tracks from the album leave one with the same emptiness and longing for music felt in the prescense Manilow or Dolly Parton.

Overall, the album is a tackluste collection of synthesized sounds and painfully forced lyrics which an better than Nyquil as a bedtime medicine.

## heads for Oscars

In the course of time and movie history more than one film has used a provocative or even sleezy title to invite a skeptical but curious audience to witness an exercise in film-making stupidity. Sex, Lies and Videotape does not belong to this genra-

Instead, the movie is filled with insights into human sexuality and the forces that drive both men and women to that most basic deaire of all creatures-

sexual intercourse. The film treats its topic with an honesty, frankness and sense of rediscovered wonder that permeates the entire film. Sex, Lies and Videotape is one of the most thought provoking films ever to explore the vast frontier of human sexuality.

Fortunately, the movie's exploration of sex includes neither the vice of nudity or the prolific use of profanity. Taste and

beautiful aspect of the movie is the tact with which the sex scenes are done. Everything is nuance and innuendo.

Structurally, the film is almost simplistic. The scenario introduces a couple, Anne (Anne Mac-Dowell) and John (Peter Gallagher), who are sexually incompatible. John wants what Anne is alraid to both have and give. A basic conflict exists where Anne's confusion about sex combined with John's insensitivity to her fears lead John to an affair with Anne's sister, Cynthia (Laura San and Anne, he reveals to her that he is impotent. Later

Enter the fourth member of the cast, Graham (John Spader). Graham, an old friend of John's, is an odd character, the most honest of the cast. Anne finds herself fascinated by the forthrightness of his questions about her marriage, her feelings and her life. Eventually, the movie comes to an end where Anne and Graham find in each other the ability to be whole both sexually and as human beings delivery in which a definite pattern leads to a

In its verbal content, the film is exceptionally point blank and firm in its belief that the shortest distance between two points is a straight line...

subtlety characterize the film in general. The most capable of honestly loving and giving.

title is fulfilled in full. The affair between John and Cynthia provides the sex, John's keeping it from Anne provides the lies and Graham's strange obsession with videoaping interviews of women taking about sex provides the videotape.

point blank and firm in its belief that the shortest distance between two points is a straight line, Within only the second meeting between Graham

Within the first twenty minutes of the film, the

characters and the psychological composition of In its verbal content, the film is exceptionally each is central to the film. Their relationships are all wound within the title Sex, Lies and Videotape With the prescence of only Cynthia, John and Anne

see SEX, page 10

Tre finally discovered the formula for taking the late nights out of lab class ...."

later in the film.



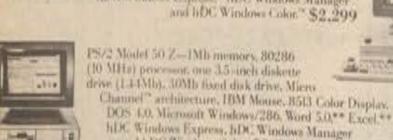
#### Just in time for the holidays: great savings on IBM PS/2's.

This new year resolve to maintain the perfect chemistry between work and fun. We've just made a easier, because now you can get a terrific buy on an IBM Personal System/2," with easy-to-use software loaded and ready to go.

What's more, when you buy the PS/2," you will get a mouse pad, a 3.5-inch diskette holder, and a power strip-all free. And you re-entitled to a great low price on the PRODICY \* service. Aside from all this, right now there are special savings on three of the ourst popular IBM Proprinters.

But this offer-like the bolidays-would last long "Offer ends February 15, 1990. Stop in today."

PS/2 Model 30 286-14th memory, 80286 (10 MHz) processor, one 3.5-inch diskette drive (1.44Mb), 20Mb fixed disk drive, IBM Mouse, 8513 Color Display, DOS 4.0. Microsoft \* Windows 286, Word 5.0,\*\* hDC Windows Express," hDC Windows Manager? and hDC Windows Color." \$2,299



and hDC Windows Color, \$2,799

PS/2 Model 55 SX-2Mb memory, 80386SX\*\* (16 MHz) processor.

one 3.5-meh diskens drive (1.14Mb), 60Mb fixed disk drive, Micro Channel amhitteture, IBM Mouse, 8513 Color Display, DOS 4.0. Microsoft Windows/386, Word 5.0 \*\* Excel. \*\* hDC Windows Express. hDC Windows Manager and hDC Windows Color. \$3,499

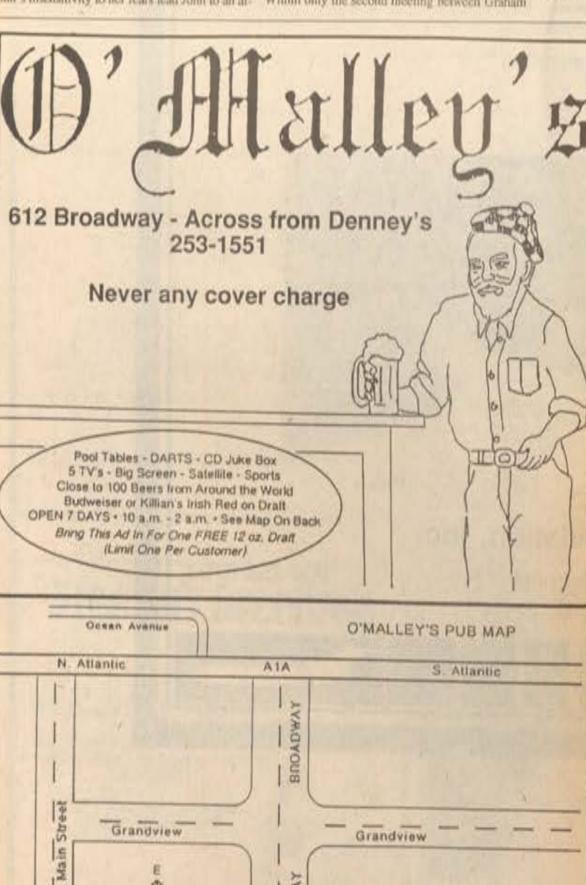


How're you going to do it? PS/2 it!

SEE YOUR SALES REPRESENTATIVES IN C-410 OR CALL 239-6660

ROBERT EDMISTON MATT DARPEL MIKE SIZEMORE

Major of Seas Comment of the register of the residence of



BROADWAY

612 Broadway

O'Malley's

# G.B. REEFS GREAT BARRIER REF PUB

600 N. Atlantic Avenue 255-4471

# PRESENTS:

SUNDAY NIGHT BODY BEAUTIFUL CONTEST
MEN & WOMEN INVITED
\$600.00 IN CASH TO BE GIVEN AWAY
DO YOU HAVE WHAT IT TAKES?

## MONDAY:

LADIES NIGHT
FREE DRINKS 9-11
LADIES CHECK OUT OUR MALE
BARTENDERS, THEY WILL
TAKE IT OFF FOR YOU
MONDAY NIGHT FOOTBALL

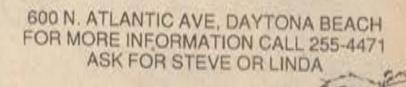
\$.75 DRAFT, \$1.00 WELL DRINKS HOT DOGS, PIZZA, WINGS, SANDWICHES

## TUESDAY:

MARGARITAVILLE MANIA \$1.50 MARGARITAS 10-12 \$.25 TACO'S \$1.50 CORONNAS

## WEDNESDAY:

\$.25 BEER NIGHT \$.25 BEER 10-12 \$.15 WINGS 12-CLOSE \$1.00 FOSTERS BEER





## THURSDAY:

LADIES NIGHT
FREE DRINKS 9-11
LADIES CHECK OUT OUR MALE
BARTENDERS, THEY WILL
TAKE IT OFF FOR YOU
ULTIMATE BEACH PARTY

#### FRIDAY:

ULTIMATE BEACH PARTY
5-7 HAPPY HOUR
(HOT & COLD HORS D" OEUVRES)
PLAYBOY \$100.00 BIKINI CONTEST
5-8 HAPPY HOUR DRINK SPECIAL

## SATURDAY:

PLAYBOY \$100.00 BIKINI CONTEST 8-10 FREE DRINKS (WELL, CALL, DRAFT) 10-CLOSE NIGHTLY DRINK SPECIALS

## SUNDAY:

9-? BEER BUST
FREE BEER TIL YOU BUST
FOOTBALL ALL GAMES SHOWN ON
8 SCREENS 12 PM

BODY BEAUTIFUL CONTEST \$600.00 CASH MEN/WOMEN 11 PM

#### Notices

#### Mathematics and physical science seminar series

Nov 30 Dr. Robert Fleck

Native American Astronomy

All seminars are held at 1:30 p.m. in Room W-306. Students are welcome. Refreshments served.

#### 1989-1990 Who's Who recipients

The National Office of Who's Who Among Students in American Universities and Colleges has notified Embry-Riddle that 20 nominees have been approved by their boards,

Each nominee will be contacted by Who's Who in about two weeks to secure biographical material for publication in the current book, information for placement files, and other pertinent data.

At Embry-Riddle, nomination is based on the degree of scholarship displayed, as well as special emphasis on co-curricular responsibilities and accomplishments, emphasizing character, leadership, and anticipated potential,

The nominees are:

Feroz Bhabha Stephen Chafe Roger Chandler Gregory Church Bryan Collier Stacey L. Commings Amanda Endress Karen Forbes Churles Foster Michael Garrow

Glenn Gougler Mary Heitger James S. MacKay, II Theodore W. McGee Milagros Ramirez Michael Rouse Derrick Seyn Joseph Sprague George K. Weller, III Joseph Whalen

#### Christmas goodies

Beginning Friday, December 1, Christmas cookies and cakes will be available for purchase in the Food Court in the John Paul Riddle Student Center, Selections will include Santa Clause cakes, Christmas Tree cakes, fudge brownies and assorted goodies. For further information call Morrison's Custom Management at extension 6067 or 6068.

#### Christmas baskets

Works on the Christmas baskets will begin as soon as possible after Thanksgiving. In the meantime, please consider what size family you or your section can take care of. This year there are a number of elderly living alone who need our loving care. Last year we began caring for some families suffering from abuse. All in all, our real focus has been on the people most in need.

Between these baskets and toys collected at the Employee's Pary, ERAU has been the biggest single contributor in this area to Halifax Urban Ministries and the poor they service. Let's keep this reputation!

For those not aware of this campaign, let me explain. From the first year (1980) of the existence of Halifax Urban Ministries, an interfaith outreach ministry, it has been the channel of Campus Ministry's food drives for the needy. Our biggest drives are at Thanksgiving, Christmas and Easter. They have been extraordinarily successful. Even so, there were still some in need who were left unfed and hungry on these days of gala celebration for us.

To all, thanks for your generosity in the past. Let's outdo ourselves this periods.

#### Safety presentations

The Department of Safety will be sponsoring a series of safety programs. The programs will be presented by a national safety awareness organization called Citizens Against Crime. Topics covered will include Personal Safety. application to receive a "Preliminary Evaluation." We will my to have one Child Safety and Fire Safety.

The Safety Presentation schedule in:

Child Safety

December 7

1:30 to 2:30 pm

A-109

November

#### Holiday library hours

November 22 Wednesday November 23 Thursday November 24 Friday

OPEN. CLOSED CLOSED

7:15 am to 5:00 pm December

#### Regular Schedule December graduation

Spring degree completion

Entertainment announcements

This is a reminder to all of those December graduates who have not yet turned in their cap and gown measurement cards. Get them in the the Dean of Students Office as soon as possible. Furthermore, any students who are members of honorary societies should also contact the Dean of Students Office in order to guarantee proper listing in the Commencement Program. We want to see that all graduates that are eligible can participate and be properly recognized in the Decmeber Graduation Ceremonics.

Applications are being accepted for those expecting April '90 degree

Field of Dreamy

Turner and Hooch

completion. Come to the Registration and Records Office and fill out an

sent to you before Advanced Registration for Spring '90 later this semester.

Should you have any questions, please call ext. 6326.

Attention December graduates

The final meeting for December graduates will be held in the University Center on Wednesday, November 29, 1989 at 8:00 pm. All details concerning commencement, cap and gown pickup, etc., will be reviewed at that time. Since there is no rehearsal for Graduation, it is important that you attend. Voting for Outstanding Faculty and Staff Awards, will also be

If you are unable to attend, please stop by the Student Activities office.

#### Colloquium

Dr. Zoubir Benzaid of the department of mathematics will speak on the constrained controllability of perturbed stable linear systems.

We study the constrained controllability of a uniformly controllable linear system X2(0=A(t)X(t) + B(t)u(t). We subsequently perturb the system and obtain various sufficient conditions for constrained controllability. These conditions will naturally depend on the stability class of the unperterbed system and also on the set of admissible controllers.

The event is scheduled for November 30, 1989.

The colloquium will be held at 3:30 pm at the Davidson Theater, A building #101. For further information, call Wanda at ext. 6709 or Dr. Siva at ext. 6454.

#### The best of the '80s

The Avion will be running an article on the best album, best movie, and best song of the eighties. Some student responses will be reprinted in an article highlighted the best entertainment of the eighties.

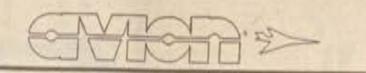
If interested in participating, place your candidates for the three above categories on a piece of paper with your name and box. Then, either drop it by the Avina offices on the second floor of the University Center or address it to the Avion-Diversions Editor and place it in Campus Mail.

# November 25 thru December 7

We wish you peace, joy, and happiness at this time of giving thanks. Happy Thanksgiving.

There will be no Avion published on Nov. 29. The last issue of the Avion for the Fall semester will be published Dec. 6. Deadline for materials is Nov. 29.

Your friends at the



#### Thanksgiving food service hours

The Landing Strip Snack Bar and Flight Deck will be closed over the Thanksgiving holiday. The following serving hours will be in effect from November 23-26:

> Brunch Dinner

11:00 am to 1:00 pm 4:00 pm to 6:00 pm

Beverage service only will be available in the Food Court between meal

Happy Thanksgiving!





\* 24 HR ACCESS GATE

4-400 810 JIMMY ANN DR

DAYTONA BEACH

## AIRPORT STORAGE

· OFFICE WAREHOUSE LEASING · AT DAYTONA AIRPORT NEAR EMBRY-RIDDLE UNIVERSITY

PROPERTIES

\* CONVENIENT 24 HR. ACCESS CORPORATE & T-HANGARS WITH RUNWAY ACCESS.

DAYTONA BEACH

1575 AVIATION CENTER PKWY



. NEAR BEACHSIDE, DOWNTOWN & BCC.

INVENTORY, FURNITURE & EQUIPMENT

\* INSURANCE AVAILABLE

HIS N. CHARLES ST

DAYTONA BEACH

(formurly MAPLEWOOD STORAGE)

Port Orange

. FULLY VENTILATED UNITS

· PERFECT FOR BUSINESS RECORDS

CLARKIM

BETTER QUALIFIED TO SERVE YOU

DAYTONA BEACH CHAMBER OF COMMERCE
DAYTONA BEACH AREA HOME BUILDERS' ASSOCIATION
PORT ORANGE SOUTH DAYTONA CHAMBER
PORT ORANGE/SOUTH DAYTONA ROTARY

Since 1983





We offer 1&2 bedroom apartments FEATURING.

.Washers and dryers

.Microwaves

.Ceiling fans

.Pool/spa

.Tennis/racquetball courts

.Weight room

Screened porches

.On-site management

.24 hour emergency maintenance

If you desire to live in an above standard home-look no further!! Our community is nestled among towering pines with beautiful views of our lakes.

So...If your are ready to MOVE-OUT...MOVE-UP to Cypress Landings and live in the finest community close to your campus.

We offer a paid wait list for those needing a new home at this semesters end. Call or stop by soon...your apartment hunting fever will be over before those finals are here ...



1400 HANCOCK BLVD., DAYTONA BEACH (oil Clyde Morris a Just north of Baville Rd.)

254-3136