

9-13-1989

Avion 1989-09-13

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.

C&O DAY NEXT WEDNESDAY IN THE U.C.

CO-OP

An Award-Winning College Newspaper

By Students, For Students

Volume 63, Issue 1

Embry-Riddle Aeronautical University, Daytona Beach, Florida

September 13, 1989



Campus News



A new look in the cafeteria greets students this fall.

Page 4

Aeronautica



Many mergers have taken place this year, including the takeover of Piedmont by USAir.

Sports



Students have a new sporting season to look forward to with our own soccer and basketball teams this year.

Page 9

Space Technology

Page 11



As the *Atlantis* is readied for its next flight, preparations near completion on the *Galileo* probe.

Clubs

Page 13



Students gamble legally during Monte Carlo Night, a night of entertainment sponsored by Lambda Chi Alpha.

page 15

Diversions



Band composed of ERAU students plays its first ever outdoor concert at the Whitehall Hotel/Resort.

page 17

Eastern lumbers back from bankruptcy

by Joe Cambron
Staff Reporter

It has been over five months since Eastern's members of the International Association of Machinists (IAM) walked off the job in a bitter strike that was honored by Eastern's Air Line Pilots Association (ALPA). During that period, Eastern filed for bankruptcy, terminated essentially all its flights, and nearly was sold to a group of employees working with former Major League Baseball Commissioner Peter Ueberroth, but Eastern is back in the air.

Eastern is back, although smaller and arguably less-experienced. Those arguing the point are the apparent losers of the great battle for Eastern, its unionized pilots and machinists. Eastern spokesmen claim that it has filled all flight crew and machinist vacancies, though in the process it was not only forced to offer extensive training to new-hires, but comparatively excessive wages.

Eastern advertisements, some of which are still running, offered as much as \$28,000 to co-pilot applicants with as few as 1200 hours total time. More experienced potential captains are rumored to have been offered as much as \$36,000 per year, in addition to a \$6,000 signing bonus.

The New Eastern, as many call it, operates from its traditional home turf of Atlanta against what is now a much larger airline, namely Delta. Gone are Eastern's schedules of dozens of flights at New York, Washington, Philadelphia, Boston, Miami, and Orlando. Eastern's Northeast shuttle now belongs to Donald Trump, its Philadelphia hub to Midway Airlines, and its Official Airline of Disney World designation to Delta Airlines.

Eastern does plan to resume some of its flights on the "Eastern Corridor" from Florida to the Northeast, but in Eastern's absence Pan Am, American, Texas Air's Continental, and Delta have moved in and closed the competitive door on their old rival.

Eastern is scheduled to emerge from bankruptcy by January, though that was prior to the discovery that Eastern is suffering a shortfall in excess of \$300 million due to sluggish sales of assets. Eastern planned to sell its lucrative South American routes, for instance, but prime bidder American Airlines apparently backed out of the agreement.

Eastern's strategy during the arduous and expensive court campaign it has waged appears to have been a carbon copy of Continental Airline's bankruptcy plan, which is probably by no means a coincidence. Both carriers are presently controlled by Frank Lorenzo's Jet Capital and Texas Air Corporations. Many analysts and union leaders have long speculated that a bankruptcy



Photo by Tammy Hagan

Flying Again...

A once familiar sight above the campus, a DC-9 roars skyward after Eastern's prolonged absence from the commercial aviation market.

filing would be only a prelude to a Eastern-Continental merger.

In recent weeks, though, Frank Lorenzo has seemingly taken a different path, publicly stating that his company would be willing to part with its marginally profitable Continental Airlines subsidiary. Financially hand-cuffed Pan Am is suggested as a possible bidder.

Closer to home, at Daytona Beach, Eastern is offering four flights per day (down from five in March) to Atlanta, but gone entirely is the service to New York and Melbourne that was offered prior to the strike.

At Atlanta, the cut-back is becoming less noticeable. By mid-September, Eastern plans to operate 240 flights from Atlanta, down from 293 in March. Many of those flights will not be flown by Eastern planes or even Eastern crews, however. Because of training delays in the company's new flight crew classes Eastern has been

forced to lease planes and crews from its sister carrier, Continental.

By December, Eastern claims that it will be able to offer its customers over one thousand daily departures, two-thirds the number that were offered in March. What happens to Eastern after that is the subject of only conjecture, since Eastern officials are relatively tight-lipped on all subjects other than that of complete debt repayment, which Eastern expects to achieve.

One of two futures for Eastern are all that is left in the cards, however. Either Eastern will be swallowed up by another carrier, whether it be Continental or even TWA; or faced with many retirement bound aircraft and relatively few delivery positions, Eastern will join the moribund ranks of Midway, Southwest, and America West as another "Regional" trapped between the commuters and the major carriers.

Galileo ready for long journey CO-OP: Break the Cycle

by Chip Zadrow
Space Technology Writer

The spacecraft *Galileo* is to explore Jupiter after a launch on *Atlantis* on October 12. Named after the Italian Renaissance scientist who discovered Jupiter's major moons, *Galileo* will be the first spacecraft to study Jupiter and its surrounding system in great depth.

The main objectives of the project is to study the planet's atmosphere, satellites and surrounding magnetosphere. The spacecraft, on its six year journey to Jupiter will also study Venus, the Earth-moon system, and one or two asteroids.

The long flight plan is a consequence of the mission flight plan being altered due to restrictions that resulted from the *Challenger* accident. The probe was to originally be carried into orbit onboard a shuttle with a Centaur stage, a high-energy, liquid fueled rocket. Safety restrictions now prohibit Centaur stages onboard shuttles.

To get the spacecraft to Jupiter, it must first fly by Venus then Earth two different times to acquire enough energy for the spacecraft to make the long distance trip.

Galileo will also travel within 1000 kilometers of one or two asteroids, depending on how the flight plan goes. Several photographs and other scientific measurements will be taken during this 22-month tour of the solar system.

When *Galileo* finally reaches Jupiter, it will separate into two parts, an atmospheric probe and an orbiter. The probe will enter the Jovian atmosphere and will send data to earth during its approximate 75 minute life. At this time, the probe will be some 200 kilometers into the atmosphere and will be crushed by high pressures. Many atmospheric experiments will be on board the probe, but there will be no pictures available.

As the probe descends into the crushing atmosphere, the orbiter will begin its approximate two year tour of the Jovian system. The orbiter will photograph several moons and Jupiter itself at resolutions 1000 times better than the *Voyager* spacecraft did. It will also perform about a dozen other experiments in the Jovian system.

Presently *Galileo* is sitting in the payload change-out room at Pad-B, ready to be loaded onto *Atlantis* for its projected October 12 launch.

The Space Technology staff will have several upcoming stories on the *Galileo* launch, including the concerns over the nuclear radio isotope power generators onboard the spacecraft.

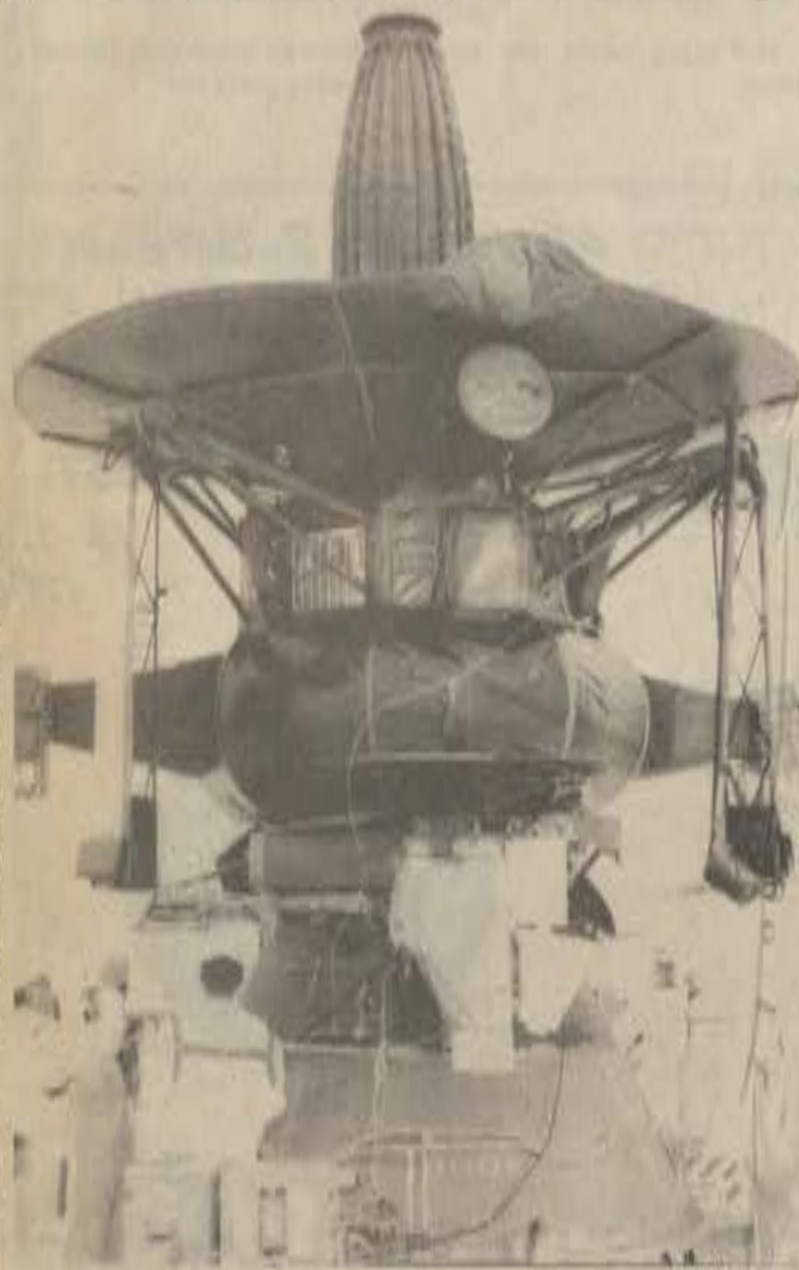


Photo by Chip Zadrow

The *Galileo* spacecraft is seen undergoing checkout and final assembly at the Vertical Processing Facility at the Kennedy Space Center. Pictured is the orbiter and the probe mated together without the Inertial Upper Stage (IUS). The IUS was mated a few days later, and then the whole spacecraft was delivered to the pad in mid-August.

by the Career Center

"No experience, no job. No job, no experience....."

How many times have you heard this statement while seeking employment? You might ask how you can break this prohibited cycle? Simple, CO-OP.

Every semester recent college graduates find out about this job search prerequisite referred to as, "job experience". Employers seek people with experience because past employment success strongly correlates to future on-the-job success. Work experience gives the skills and knowledge necessary to perform in a professional climate while developing intercommunicative skills.

Employers hire students in Co-op positions so they can 1) find good permanent employees; 2) reduce recruiting and training costs; 3) bring new talent and ideas to the organization.

With Co-op you can earn up to six academic credits per term while learning the job. This helps you to 1) maintain student status (important for those loans); 2) use the credits as open electives and in some cases, as technical ones; 3) earn money for future college expenses; 4) make contacts for permanent employment; and 5) gain invaluable professional experience.

It takes work to plan courses, maintain 2.5 GPA or better, find a suitable position and then relocate. How ever, past student surveys indicate unanimously that Co-op was well worth the effort.

The most important and hardest first steps to take are the steps leading up to the Career Center. Come by and talk with us about Co-op. If you can not stop by, then please call us at 239-6054.

Editorial

The Economics of Speed Bumps... It Doesn't Add Up

How many times have you hit a speed bump that you thought was going to come up through the floor-boards and kick you out of your seat? If you're like me, it has happened more times than you would like to remember, or should I say "more times than your car would like to remember."

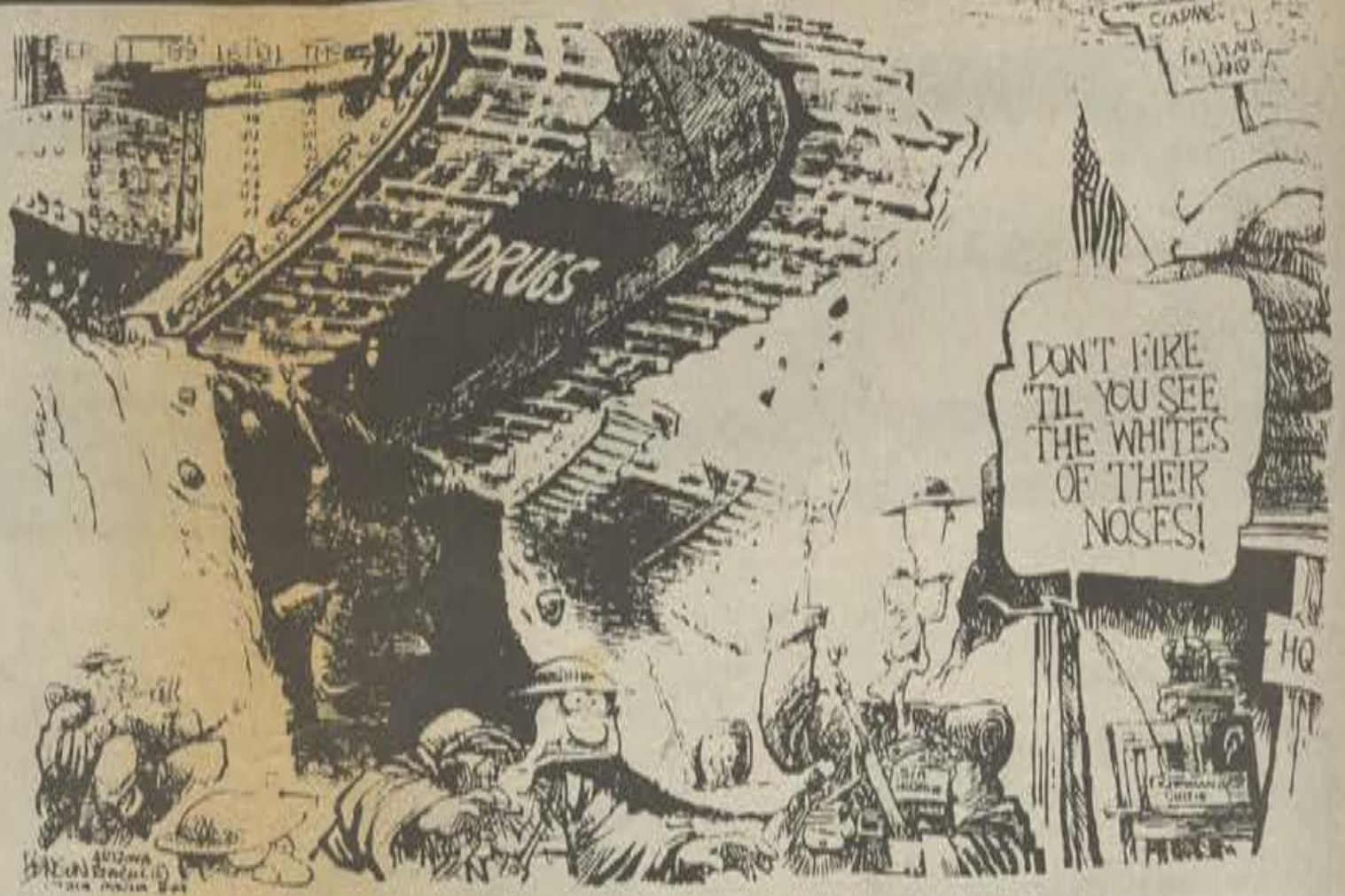
Unfortunately, our cars do remember, and they have a way of getting us back for hitting those things. Little do they know that at Embry-Riddle any speed is too fast. Something should be done about the size of those cement moguls left in the driveways of our campus.

One good reason to remove them is purely economic. Speed bumps are not costly to build, but they do cost the innocent passer-by a few dollars. For example, say that you were a student at Embry-Riddle and you had to come and go twice a day. If there are seven bumps in your way each way, you would have to almost stop twenty-eight times. In the student driver's manual it states that twenty-five percent of the gas we burn is from stopping and starting in traffic. On my way to school, I have four places I might have to stop. Three of those are lights. Now if we put that together with twenty-eight stops and starts in less than a mile it means that the percentage of gas used in my stopping and starting is greatly increased.

But if economics are not enough, there are other good reasons to abolish speed bumps. Is speed control a problem? On the state roads we have little signs that tell us how fast we can go. This method works for millions of people. On campus we also have little signs that tell us that we can go ten miles an hour, but on top of that they put obstacles in our paths to make sure we can't go over five miles per hour without causing damage to our vehicle. Sounds pretty silly to me.

Our cars have their own little way of combating those yellow critters. Notice, the next time you pass over a speed bump the grooves, scrapes and chunks taken out of them. But before you start feeling sorry for them, just think of what the underside of your car must look like. Using the oil pan, struts, frame, drive-line, transmission, bumpers and yes, the bottom of your seat to shave down the twenty or thirty speed bumps around campus is an inefficient method. If you have a little sports car, forget it, you are just asking for trouble. The spoilers and windjams are history if you attempt to mount the Riddle bumps. And then there is the matter of alignment. Alignment is a nice thing. I wish I still had mine.

If you went out and chopped them off with a sledge hammer, I don't think that you would have too many objections from the student body. Keep in mind that I'm not recommending it, but I would be the last one to condemn you for any frustrations taken out on those pestering bumps.



Letters to the Editor

Dangerous Drivers

To the Editor, I'm really ticked off about the way these kids drive their automobiles around campus. Last Friday afternoon, I was walking back to my car, which was parked near the dorms when this woman/girl avoids the speed bump (near the Barnett Super Teller) and misses me by about one foot. I'm here today to write about this because a friend I was walking with saw this ignoramus on her approach and tugged my T-shirt. If you see this negligent chick driving a beige/brown Cougar/T-bird please tell her that the next time she or any other idiot wants to avoid the speed bump while I'm walking on the side walk they'll get my shoe print in the side of their door at the very least. I

also wish that Riddle Five-O would do something about this (like extend the speed bumps into the side walk). Instead of removing parking privileges for students with numerous parking violations, they should try to get rid of these dangerous drivers who threaten student lives with their Mario Andretti driving school techniques.

Brian Hester
Box 5027

Cafeteria Overcrowding

To the Editor: Does everyone know that we have a library on campus? I'm beginning to think they don't. Everyday when I go into the U.C. for lunch I spend at least 5 minutes trying to find a seat.

A lot of the tables are being used by people who are doing homework and not even eating. I wish these people would be a little more considerate and use the library, so that someone who wants to eat can sit down.

David McCluskey
Box 1123

Equal Pay for Equal Work

To the Editor, Along with the many full time and part time professors at this campus and the Arizona campus, this University has many instructors working as adjunct professors at Air Force bases around the world. My father is one of these professors. While students of professors on campus get either half off or all tuition paid by the University, adjunct professors do not get any break unless they are full time.

My father along with other adjunct professors work at normal jobs during the day, and then work for the university after work. The pay for these instructors is less than what the teachers at community colleges get paid for the same amount of work.

The University should give these instructors better incentive to stay and teach.

(Name withheld by request)



The Avion asks: How would you compare the food services offered this year as to last year?



Kenyon Childs

It is better.



John Rasmus

The pizza slices are too small.



Mike Richards

It's a lot better than Epicure. I like the pasta bar.



Phil Bush

The food is better, but it is too crowded. The lines are too long. It's chaotic.



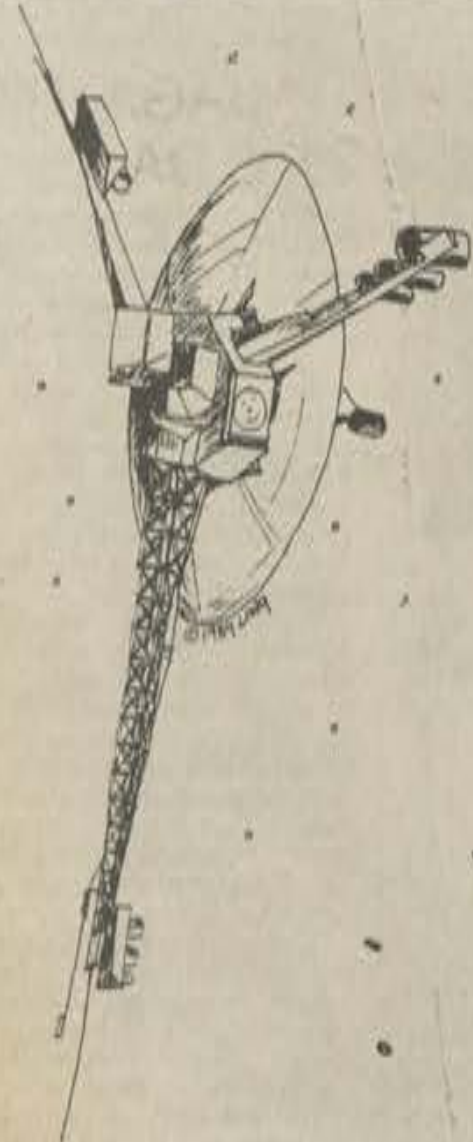
Raffaele Moro

It's better but it's totally disorganized. The food tastes a little better but there are lines all over the place.



Eric Carroll

There is a better variety, more to choose from. It looks nicer.



AS VOYAGER 2 MADE ITS HISTORIC FLY-BY OF NEPTUNE AND THEN PASSED INTO DEEP SPACE, THE WORLD HAD MISSED ITS CHANCE TO GAIN THE ANSWERS TO ONE OF LIFE'S GREATEST QUESTIONS: IS THERE LIFE ON OTHER PLANETS?

HMM... COULD BE... TRY PLUTO. AT THIS TIME IT'S TOURIST SEASON THERE... BYE.

ALAS IT WAS NOT TO BE...



Avion Newspaper

Editor in Chief
Michael D. Hotelling

News Editor
Phyllis A. Salmons

Aeronautics Editor
Kress Latham

Diversions Editor
Joe Cambron

Campus News Editor
Martin Kammerman

Space Technology Editor
Derrick Seys
Mike Fried

Sports Editor
Michael Gomm

Managing Editor
Ben Brennan

Advertising Manager
John Gonzales

Business Manager
Brian Lessin

Photography Editor
Brian Gerk

Copy Editor
Denise Harrison
Steve Cagle

Advisor
Dr. Roger Osterholm

This week's staff: Brian Cam, Mike Fried, Brian Schermerhorn, Shane Tideman, Chip Zedrow, David Palko, Tina Mallis, Tammy Wright, Matt Fikerson, Ray White, Lisa Evans, Tracy Clark and Chris Nichols. The opinions expressed in the Editorial are those of the majority of the Editorial Board and do not necessarily represent those of the University, the staff of the Avion or the members of the student body. Letters appearing in the Avion do not necessarily reflect the opinions of the University, the Avion or the members of the student body. Opinions expressed elsewhere as those of the writer, who is identified. Letters submitted may be edited for brevity and may be printed provided they are not libelous, obscene or defamatory. Letters will not be returned unless accompanied by a return address. All letters must be accompanied by the signature of the writer. The Avion is an Associated Press member newspaper, and subscribes to the Campus News Digest, Associated College Press and College Press Service. The Avion is produced by a volunteer student journalist staff weekly throughout the academic year and is published weekly throughout the summer. The Avion is funded through student government fees and advertising revenue. This newspaper and its contents are protected under the copyright laws of the United States. No portion of this publication may be reproduced without express written consent of the Avion Newspaper. Correspondence may be addressed to: The Avion Newspaper, Embry-Riddle Aeronautical University, Daytona Beach, Florida 32114. Phone: (904) 239-6245.

Associated Press

Airlines improve on-time performance

The Associated Press
 WASHINGTON (AP) More airline flights arrived on time but complaints jumped 11 percent over the previous month in the latest Transportation Department airline consumer report released Thursday.
 Strike-bound Eastern Airlines continued to receive the largest share of complaints in relation to its passenger load but was among the best for on-time performance with its limited number of flights.
 Complaints against Eastern totaled 36.24 for every 100,000 passengers. The next highest share of complaints was against Pan American, 7.54 per 100,000.
 Eastern also led airlines in the number of complaints of lost or mishandled baggage, with 12.52 for every 1,000 passengers. But the airline's on-time record was 86 percent, exceeded only by America West with 89.4 percent. The 13 largest domestic carriers reported 76.9 percent of their flights operated on time in July, compared with 72.2 percent in June. Delays due to mechanical problems are not counted. In the complaints category, which covers August, the department said it received 1,244 for all airlines, while it got 1,119 in July. Overall, complaints were 47 percent below the 2,367 for August 1988.
 The department keeps track of flight data each month and maintains records on various airlines and airports.

National airline cancels flights; pilots strike Saturday

The Associated Press
 BRUSSELS, Belgium (AP) The national airline Sabena cancelled 15 flights Friday because of labor actions and faced a 24-hour pilot strike and continuing slowdown tactics of the cabin crews over the weekend.
 The pilots will go on strike from Saturday morning until Sunday morning while the flight attendants will board all Sabena planes two hours late on Sunday to push demands for better pay, said Sabena spokesman Daniel de Vinck.
 The slowdown actions of the 1,200 flight attendants wreaked havoc with the Sabena schedules Friday and the flights that went through suffered long delays.
 The labor unrest at Sabena started three weeks ago and management and unions are still wide apart on the pay issue, the focus of the dispute.
 The unions have already threatened to reinforce their actions next week if no agreement on their claims is reached.
 No talks between management and unions are planned for the weekend, said de Vinck.

Aspen Airways announces sale agreement

The Associated Press
 DENVER (AP) Aspen Airways owner Don Ringsby announced Monday he is finalizing negotiations to sell the Denver-based airline, which operates under the name United Express, to Giant Group Ltd. of South Carolina.
 Ringsby said Giant Group had agreed to buy all of Aspen Airways' stock in a deal expected to close Sept. 30. The sale price was not disclosed.
 "The company needs new capital to renew the fleet, and that costs millions of dollars, which I really don't have," Ringsby said.
 "They have the assets to recapitalize this company and keep it competitive into the 1990s. That's a very positive thing for Aspen Airways and Denver."
 The Ringsby family has owned Aspen Airways since 1968. In 1986, Aspen Airways became a marketing partner of United Airlines and began operating as United Express.
 It owns and operates 10 Convair 580s and four BAe 146 aircraft, serving 16 cities in Colorado, Wyoming, North and South Dakota, New Mexico,

and Winnipeg, Manitoba, Canada, according to a company news release.
 Aspen Airways employs 600 people and is the third largest carrier serving Denver.
 Under terms of the agreement with Giant, Ringsby said, the airline would remain in Denver and "all our employees will be able to keep their jobs."
 The airline plans to introduce non-stop flights to Aspen from Dallas, Chicago and Los Angeles beginning Dec. 14.
 Giant Group, based in Harleyville, S.C., owns Keystone Cement Co. and Giant Cement Co. It also owns and operates Golden State Newsprint recycled newspaper mill in Los Angeles and related recycling operations in southern California.
 Giant Group also owns a 22 percent interest in Rally's Inc., a fast-food restaurant franchiser.
 Ringsby said Giant Group chairman Burt Sugarman has a home in Aspen and is a frequent visitor to Colorado.

Rider grounded by rule on odor

by Associated Press
 PHOENIX (AP) A truck driver from suburban Avondale and his family are talking legal action after he was forced off a Southwest Airlines flight because of complaints about his body odor.
 Southwest told Lester Gonzales, 23, to get off Chicago-bound Flight 993 on Tuesday. Southwest officials said Thursday the rule is enforced in only the most extreme cases. But Gonzales and his family claimed that he showered and splashed himself with cologne the day of the flight.
 "If you would have beat me with a baseball bat, it would not have hurt me as bad," said Gonzales.
 Gonzales' wife, Tonda, said she showered with her husband Tuesday before he left for Sky Harbor International Airport, and his mother, Gerry Gonzales, said she believes he was discriminated against because of his "biker" image.
 "He's got very long, very curly hair that he wears in a braid, and he wears six to eight earrings," Gerry Gonzales said. He was wearing dark glasses and carrying a briefcase, so maybe the people just weren't too sure about him."
 Gonzales said he and two other truckers were waiting to take off when a crew member told him he had to get off the plane.
 "I got irate," Gonzales said. "I said, 'Look mister, I just had a shower and used deodorant, cologne and powder in my shoes.' It really upset me because I had just lost a job because I wouldn't cut my hair and get rid of my earrings."
 A similar incident occurred at Seattle-Tacoma International Airport recently, when a USAir crew ordered a couple off a flight to Syracuse, N.Y., because of body odor.
 The couple has threatened to sue unless given round-trip first-class tickets between New York and Los Angeles as compensation, and Gerry Gonzales said she was shopping for a lawyer.
 Kay Caldwell, customer-services supervisor at Southwest's Dallas headquarters, said she could recall only two or three similar incidents in her six years with the airline.
 "We do reserve the right not to carry passengers who smell offensively, but it's like a last resort," she said. "It would have had to have been something extreme for them to have removed them."
 Karen Wilson, a customer-service representative who met Gonzales at the gate, said she suggested that he wash up and take a later flight. She said the airline rebooked him.
 Gonzales said he was inconvenienced by the disruption in his plans and had only five hours' sleep before his job orientation.

Career Corner

"Why you can't afford to wait until graduation to think about your career."

Your degree (or major) is no guarantee of a job. This may seem like stating the obvious, but many students enter college expecting that job offers will magically drop into their laps if they just manage to graduate. Or they think the university will get them jobs. In reality, most students will apply for jobs where their degree is only one of the minimum requirements. Developing your career is a self-initiating process. There are people and a lot of resource information out there to help you, but the main responsibility for finding a job will be yours. You have to do the detective work and develop the necessary skills, and that takes time.

Grades aren't everything either.

Are you obsessed with getting a high G.P.A.? Employers look at the whole person when making hiring decisions. And with each year after graduation, your G.P.A. becomes less and less important. What else do employers look at? Personal qualities, skills, experiences, and attitudes are equally important considerations as are grades in hiring decisions. Developing your whole person rather than just your grades must begin early. You can't "cram" at the last minute in this area.

"Watched T.V." or "Hung Out at Beach" does not look good on a resume.

Your choice of complementary elective courses and constructive use of your free time during college can significantly improve your marketability. You can develop your organizational and leadership skills, written and oral communication skills, social skills and stress management skills if you start now. It's okay to have fun, but be sure to plan ahead if you want to graduate with something to tell employers other than the name of your favorite soap opera, cartoon, or your favorite bar.

Personal contacts often lead you to jobs.

The saying that it is "not what you know, but who you know" is very true, especially in highly competitive fields. There is a hidden job market - job positions which never get advertised, but are learned of by word of mouth. Begin now to develop your own network of personal contacts by joining student organizations, attending conferences or seminars related to your field, and talking to everyone you know about your career goals.

Cooperative Education provides experience and college credit.

Break out of the "no experience, no job" cycle. When admitted to the Co-op program, you can apply for many jobs listed at the Career Center or develop your own Co-op position. Gain experience in your profession while earning open elective credit. Students in any major can get involved in Cooperative Education, but you must have a cumulative G.P.A. of at least 2.5, 30 credit hours, and you must plan ahead.

It is never too early to start planning for your future career. Don't procrastinate now and regret it later. Visit your Career Center for additional guidance, and start your career development process now.

Calico Jack's



- MONDAY:** STADIUM CLUB NIGHT, \$.75 COORS
- TUESDAY:** \$.25 DRAFT, \$1.00 SHOOTERS
- WEDNESDAY:** BAHAMA BLOWOUT NIGHT, \$2.00 FROZEN DRINKS
- THURSDAY:** CJ'S NIGHT, WEAR OUR T-SHIRT, GET YOUR FIRST DRINK FREE, ALL IMPORTS \$1.00, LADIES \$1.00 DRINKS, POOL TOURNAMENT \$50.00 CASH
- FRIDAY & SATURDAY:** DRINK SPECIALS
- SUNDAY:** ESPN FOOTBALL
- HAPPY HOUR:** 11:00PM TO CLOSE, \$1.00 DRINKS, \$.50 BUD, \$.20 OYSTERS

COME SEE LISA OUR BARTENDER OF THE WEEK!

02 SOUTH ATLANTIC AVE. ORMOND BEACH
 672-6734

MAKE CALICO JACK'S YOUR PARTY HEADQUARTERS

MEGA MOVIES.

THE CRITICS CHOICE

FREE

- MEMBERSHIP
- POPCORN
- MONTHLY MAGAZINE
- 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

LOTTO 252-3773 CASH 3
 1500 BEVILLE ROAD

Morrison's feeds ERAU campus

by David Fekke
Campus News Reporter

Food is an integral part of any students' life, and Morrison's Custom Management has become Embry-Riddle's new food service replacing the ousted Epicure after their contract had expired last Spring.

Morrison's won the food service contract last spring beating out Epicure, Marriott foods, Service America and others. The eagerly awaited Morrison's has a ten year contract with the University.

Morrison's Custom Management was acquired by Morrison's two years ago. It used to be known as Custom food service. Morrison's also owns a chain of restaurants known as Roby Tuesdays as well as a sea food chain.

The snack bar which was opened in January by Epicure, was converted into the "Landing Strip" this summer when taken over by Morrison's. The Flight Deck was reopened this summer and is now a quality food area.

The cafeteria was rebuilt this Summer, and is now the "Food Court". Their new cafeteria has nine points of service, including a pizza line, refreshment line, and a health and diet line.

The meal plan card system has been totally revamped from previous years. The outdated punch card



Morrison's Morsels...

The new food court caters a variety of foods to over 2,000 customers a day.

system was replaced by the new computer system. The meal plans still are 5/10/15 and 19 but there is a new custom card available which is on a debit, prepaid system. An individual can deposit a specified amount of money, which is then subtracted as food is purchased. The more money deposited, the bigger the discount available.

This Fall, Morrison's staff increased from 20 people during the

Summer to 100 people this semester. Morrison's is increasing its student employment, but stresses that students have their schedules worked out before trying to get hired.

5,000 customers frequent Morrison's each day, and they are serving 2000 customers in the food court at lunch time alone. They have eleven full time production people.

Ken Crane, the Food Service Di-

rector for Morrison's said "We are really pleased with the response from the faculty and students."

Doug Burns, a sophomore, said "I think it is a definite improvement over Epicure and the quality of the food is better."

Jason Oberhausen, a freshman at ERAU had this to say about Morrison's, "The food is real good, but there are still a few bugs in the system itself."



Greeks Invade Campus...

RUSH weeks are coming up, and the school fraternities and sororities are gearing towards new memberships.

Become a proud member of the AVION staff

Aviation journal established

by Brian Cerni
Campus News Reporter

To facilitate the documentation of the vast amount of research being completed in the aviation community, a new research journal is being established by Dr. Henry Lehrer of the Aeronautical Science Department. Titled the *Journal of Aviation/Aerospace Education and Research (JAAER)*, the Journal will be an industry wide publication focusing on every aspect of aviation and aerospace research.

Until now, Lehrer said that there has not been any outlets where research and facts could be published in a recognized manner. Therefore, JAAER will be most concerned with topics that are not often covered anywhere else. Aviation/aerospace history, educators, curriculum development, innovative methods of instruction, significant research findings in aviation/aerospace education, and industry and education partnerships are examples of the general topics JAAER will encompass.

As editor of JAAER, Dr. Lehrer stressed that the journal will not be an Embry Riddle publication; it will only be based out of ERAU. "I want to be able to make editorial decisions based on what's best for the journal," Lehrer said when addressing the relationship between the University and JAAER. The separation of JAAER from the University will allow for the flexibility required by a publication of this kind.

Although JAAER and ERAU are separate, the University is serving as a catalyst by funding the initial issue. Once established, funding for JAAER will be provided by various corporations and foundations around

the industry and participating libraries. Lehrer has not yet decided whether to allow adds in JAAER but will wait to see if they are necessary.

JAAER's editorial staff is made up of a number of educators from various colleges and universities including Parks College, University of Illinois, Southern Illinois University, The Ohio State University, and Broward Community College. Along with Dr. Lehrer, Embry Riddle is represented by Dr. Mary Williams (Associate Editor), Dr. Thomas Connolly (Assistant Editor), and Larry Smith (Design Editor). Rounding out the staff are Dr. Richard Reinhart, M.D., Captain Tom Sams (American Airlines), Phillip Woodruff (FAA), and Richard Witkin, a Pulitzer prize winning writer.

The main function of the editorial staff will be to review submissions to JAAER in a style known as blind review. In this way, the staff will have no knowledge of the author of the submissions, or their credentials. Therefore, the articles can be evaluated objectively and the integrity of the research can be established more effectively.

Lehrer expects the format of each issue to include five or six articles, a book review, and an editorial. He admits that JAAER "will be dull writing," but says, "Universities do this kind of stuff." JAAER is a "pioneering effort" because it will be the only journal devoted to aviation issues and will allow the industry to share new ideas and findings.

The first issue is due out in February of next year and Lehrer plans on an initial circulation of about 500 copies.

LEARN BARTENDING
IN JUST 2 WEEKS

JOB & FINANCIAL ASSISTANCE
FULL & PART TIME POSITIONS AVAILABLE
CASH IN!
CALL NOW
DAYTONA
253-1045
AMERICAN BARTENDING INSTITUTE

RAPID PHOTO, INC.

1 Hour Photo

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

Network Video

FREE MEMBERSHIP WITH ERAU I.D.
SPECIAL RATES FOR ERAU STUDENTS
\$2.00 EACH or 2 for \$3.00
3 for \$4.00
4 for \$5.50
Return by 9:00 pm.
Open 11:00 am - 9pm Mon.- Fri.
9 am - 9pm Sat
CLOSED SUNDAY (2 DAY RENTAL!)
1132 BEVILLE ROAD, DAYTONA BEACH
252-3393

"ASK" AMERICAN SCENIC KORPORATION TRAVEL

WELCOME BACK

We are here to serve all your travel needs. Land, Air, Sea tours. On your day off take a one day cruise on Sea Escape

Twenty Or More Gets Students Great Rates

1500 Beville Road (Shoppes at Beville Rd.)
Daytona Beach, FL 32014
Call Us About Our Motor Coach Tours
Call Today (904)255-8687

Locally owned and operated

SORRENTO'S PIZZA

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

ERAU conducts research

by Phyllis A. Salmons
News Editor

Andy Nicholas and Douglas Drob, juniors in the Engineering Physics Program at Embry-Riddle, are involved in research which will help scientists discover more about the composition and structure of the upper atmosphere. Their work involves the use of a spectrometer which is used to measure the wavelength of light to an accuracy of 1/10000 mm.

"We're really excited about the research and we are learning alot," said Drob. Both of the students plan to attend graduate school after graduating from Embry-Riddle and hope to work in astrophysics.

The spectrometer system is being developed by the Aerospace Research Laboratory of Embry-Riddle under the direction of Dr. G.G. Sivjee and Dr. Robert Hamwey, the principle investigators of upper atmospheric research activities at Embry-Riddle. Once the spectrometer system is completed, it will be sent to Norway to make auroral measurements. Once data is collected, it will be returned to ERAU for analysis.

The aurora at the poles are caused by electric currents created by subatomic particles given off by the sun and captured by the earth's magnetic field. The earth's atmospheric gases, when influenced by

the currents, give off light much in the same way as a florescent light bulb. Because each gas emits different colors it is possible to determine the composition of the atmosphere by measuring the intensity of a color.

The spectrometer used by Drob and Nicholas at Embry-Riddle's Aerospace Research Laboratory is capable of breaking light into 3000 color bands by using a diffraction grating with several thousand grooves per millimeter. The grating is slowly rotated by computer so that the appropriate color of light shines through a 0.2 millimeter slit. The spectrometer can then shine any one of the bands on a photomultiplier tube which converts the light into electrical signals allowing measurement of the intensity of the band. These electrical signals are then sent to a computer to be analyzed and stored.

Drob, originally from Port Orange, Fla., and Nicholas, of Baltimore, Maryland, first became interested in the research while enrolled in Modern Physics. Before long, they approached Hamwey and Sivjee about becoming involved with the project.

Dr. Hamwey said the involvement of Nicholas and Drob in this research will provide invaluable experience and give them a great deal of insight into the study of the upper atmosphere.



Sensitive Research...
Students examine a fascinating subject under the lense of a powerful microscope.

As a result of their work with upper atmospheric research at Embry-Riddle, as well as other projects related to their Engineering Physics program, Nicholas and Drob hope to have the opportunity to travel to Houston to aid in

collection of data at NASA Houston, and to Alaska for work associated with a 1991 rocket project in which three experimental packages designed by Embry-Riddle students will be flown for data collection.

Aviation topics covered at conference

by Martin Kammerman
Campus News Editor

Embry Riddle's Flight Instructor Refresher Clinic and Safety Seminar for Aviators is an important upcoming event for anyone with an interest in aviation. The well known aviation author William Kershner, as well as Dr. Peggy Baty, Embry Riddle's own Associate Vice Chancellor of Academics, will be featured speakers during the conference which will run October 13-15.

Held in Treasure Island Inn the conference will cover a

Continuing education credit, as well as on-site recertification of flight instructors will be a significant part of the FAA approved "Class A" course.

broad spectrum of aviation issues. Topics include teaching of spins and aerobatics, legal implications and related insurance for flight instructors, aircraft owner maintenance, flight instructor methods and techniques, medical facts for pilots, engine operations and engine safety, the latest federal regulations, and weather.

Both Kershner and Dr. Baty are very much involved within the avia-

tion field. Kershner has been a naval aviator, a corporate pilot, test pilot, and a special assistant to the president of Piper Aircraft Company. Dr. Baty has been an aviation educator for twelve years, and is noted for gaining the first FAA approval of two "Class A" flight instructor clinics within the United States.

Dr. Baty is quoted as saying, "The FAA requires that all flight instructors be recertified every two years." Continuing education credit, as well as on-site recertification of flight in-

structors will be a significant part of the FAA approved "Class A" course. "We are the only clinic allowed by the FAA to issue temporary airman certificates on site."

\$135.00 is the cost of the conference. The cost includes lunches and refreshment breaks. For further information, contact Dr. Patricia Cocoran at the Center for Professional Programs at 239-6187.

Lady Luck strikes at Embry-Riddle

by David Fekke
Campus News Reporter

Lambda Chi Alpha was the sponsor for the annual "Monte Carlo Night" last Wednesday. Monte Carlo Night is a night of entertainment-casino style. All students who attend receive \$850 in fake gambling money to be used at the various gaming tables.

Monte Carlo Night had four Black Jack tables, two Craps tables, a Roulette wheel, and a Wheel of Fortune table. Along with the traditional gambling tables, there were individual poker tables as well. Lady Luck smiled on many students who were winning big payoffs, while other students suffered the agony of gamblers ruin.

Dave Weitz, a member of Lambda Chi Alpha, said "We've solicited merchants in the area for donations



Hit Or Stand?...
Students play for big prizes with fake money on Monte Carlo Night.

to be auctioned off at the evening of gambling in exchange for advertisement. This way incoming students can explore Daytona without leaving the campus."

The evenings events were run by John Clark, the President of Lambda Chi Alpha, and Steve Paik, the Vice President of Lambda Chi Alpha.

The prizes were all auctioned off for the play money. Many prizes given away were hotly contested. One of the most expensive prizes auctioned was free flight lessons courtesy of Phoenix Flight Center. Some of the prizes included free movie passes, free movie rental, free pizza, and a pass into the new Castle Games on Volusia Avenue. The highest auctioned bid went to the "Beers of the World". It was won by Student Dennis Stewart.



Sand Dunes Behind The Library?...
No, the desert is not reclaiming the land behind the library. Service America is building a vending pavillion.

CLOAK & DAGGER COMICS

154 WEST GRANADA BLVD.
ORMOND BEACH, FLORIDA 32174
(904)-677-6763

We at Cloak & Dagger Comics would like to welcome back all our old friends, as well as invite this year's new students to come see our even larger selection of comics, role-play and strategy games, baseball cards, collectibles, and all related items.

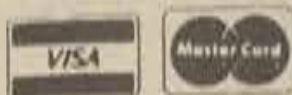
Comic collectors: We now have IN STOCK, over 100,000 back issues, as well as a full line of new comics by all companies. We also have bags, acid free backing boards, boxes, and mylars in all sizes.

Gamers: We carry a full line of Battletech, AD&D, Warhammer, Robotech, Star Trek, 007, Turtles, and many more. We also carry dice, metal and plastic miniatures, gaming magazines, and player sheets.

We also carry comic and movie related posters, comic and science fiction related memorabilia.

Come by and check us out, and ask about our subscription service and student discount.

Volusia County's Largest Supplier of Comics,
From Golden Age - Present



A SPECIAL WELCOME TO...
DAVID NEUDORFER
CLOAK & DAGGER'S 1989
ERAU CUSTOMER OF THE YEAR!!



KEG PARTY

1ST KEG IS ON US EVERY WEDNESDAY AT 8PM
(WITH PROOF OF AGE AND STUDENT ID)

KOKOMO'S FOOTBALL

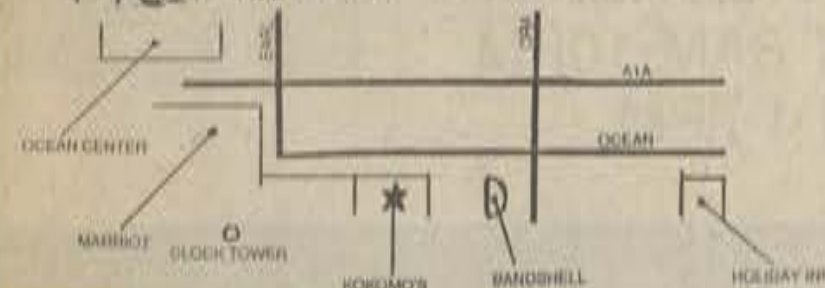
BIG SCREEN T.V. OUTSIDE PATIO
ADDITIONAL SCREENS INSIDE FOR YOUR
VIEWING PLEASURE ON MONDAYS AND
SUNDAYS

KOKOMO'S VOLLEYBALL

2 BEACH COURTS

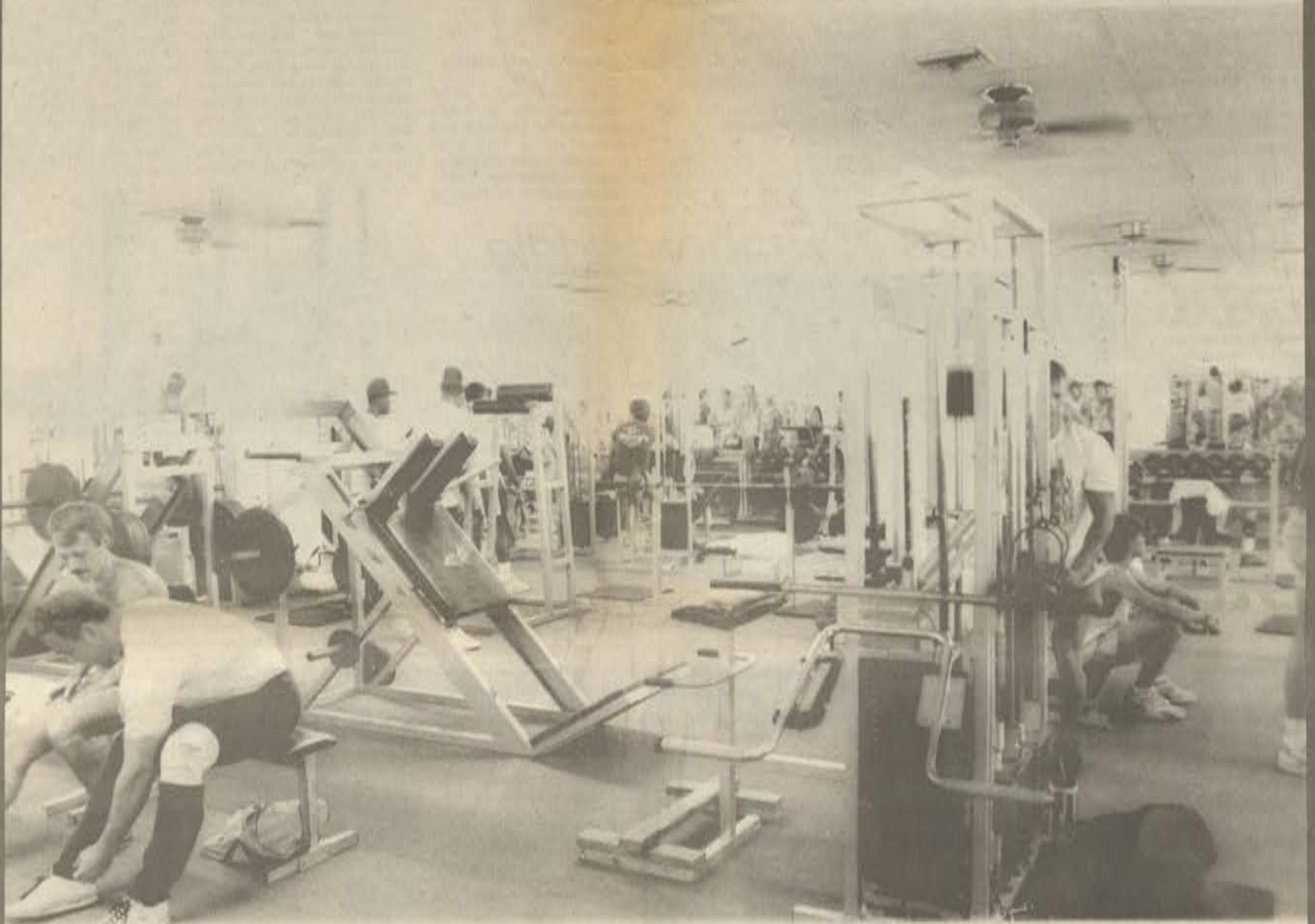
KOKOMO'S "PARTYBALL"

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



252-6232

DAYTONA GYM



FEATURING:
 LARGEST FREE WEIGHT GYM
 IN CENTRAL FLA.
 OVER 60 MACHINES
 COMPUTERIZED BIKES
 1500 SQ FT. AEROBICS STUDIO
 TANNING BEDS
 NEW SHOWER ROOMS
 FREEZE POLICY
 12 BRAND NEW MACHINES
 ICARIAN
 BODY MASTER
 CAMSTAR

NEW HOURS
 MON-SAT 8AM-10PM
 SUN 4-7PM

DAYTONA GYM
 GOOD FOR 1 FREE WORKOUT

242 S. BEACH ST.
 DAYTONA BEACH
 253-8188

FREE
 3 EXTRA MONTHS
 MEMBERSHIP AND
 DAYTONA GYM T-SHIRT
 WITH SPECIAL

STUDENT SPECIAL
 \$100.00
 ONE FULL YEAR
 ALL INCLUSIVE

AV-8B—REVIEW

(continued from page 8)
channels directly ahead of the pilot which fade off in his periphery.

The head tracker is a device that is worn by the pilot and has a similar appearance to an aviator's normal head gear. The goggles, however, cause the high resolution image to move with the pilot's line of sight no matter how fast he swings his head, more accurately simulating actual sight in any direction.

The night vision goggles attach to this helmet and allow the pilot to see in any direction as if it were daytime.

The night attack training system has been in development at the training systems division of McDonnell Douglas for approximately two years. Both the cockpit and the visual system are scheduled to be shipped to Yuma, Arizona this month in order to complete the final system integration.

(continued from page 16)
movie is basically a good one, however. Tom Hanks is always entertaining, although his many attempts to be seen in his underwear were pushing it.

Biggest Disappointment—Young Einstein—Yahoo Serious, Australian folk hero is the "Rocky Horror" vein, sold all he had to make the folks from down-under's biggest comedy success since Mic Dundee. Several times a number of thoughts crossed my mind: Did this guy have anything to sell? Is it over yet?, and What is the deal with Australians? Surely comedy is not so different in our two countries that this series of poor "Monkees" style rock-videos interspersed with stupidity can funny in any country. One joke, and I use the term loosely, that exemplifies the movie stems from the appearance of Darwin with a dog at his heels, a beagle to be exact with a huge name tag with U.S.S. emblazoned upon it. For those not in the Psychology department, apparently Darwin served on a ship named U.S.S. Beagle, stopped laughing yet.

So get to those theaters or get ready for the Christmas movie rental season, USA Today reports that "Batman" may make it to stores by Christmas.



Astronauts believe planetary probe safe

Atlantis astronauts believe two nuclear powered generators safe

The Associated Press

SPACE CENTER, Houston (AP) The astronaut who will command Atlantis next month on a mission to deploy a probe to Jupiter says he has no qualms about flying with two nuclear generators aboard the shuttle.

The two radio-isotope thermoelectric generators, or RTGs, will power the Galileo probe on its trip across the solar system. Some anti-nuclear groups claim the nuclear material could pose a health hazard if released during a shuttle accident.

"The chances are so remote it's not worth worrying about," Atlantis commander Don Williams said Wednesday.

Williams and Atlantis' four other astronauts discussed the mission during individual interviews and at a final preflight press conference. The crew will spend the next month training for the mission, scheduled to begin Oct. 12.

"There's a certain amount of risk involved in anything you do these days," Williams said. "But I'm satisfied in my mind... that we've done the best possible job we can to make these things as safe as we possibly can." Atlantis' other astronauts agreed.

"I don't see how it can hurt anyone unless it hits him on the head, and that's pretty remote," said pilot Mike McCulley.

The other crew members are Franklin Chang-Diaz, Ellen Baker and Shannon Lucid—all mission specialists. Baker and McCulley are

"If we want to explore the outer parts of the solar system, we don't have a choice right now," Mrs. Baker said. "Voyager

wouldn't be where it is today and we wouldn't have gotten those beautiful pictures of Neptune back had it not been for the three RTGs that have

of plutonium aboard Atlantis, citing the 1986 Challenger explosion as an example of how things can go wrong. They contend a similar explosion could result in radioactive contamination of the Cape Canaveral, Fla., area.

The White House has to approve the mission because of the nuclear material aboard, and an announcement is expected soon. If the mission is approved, opposition groups said they would seek a court order to block the liftoff.

NASA said an exhaustive post-Challenger safety review indicates that the chances of a launch accident in which substantial quantities of plutonium, pulverized to breathable form, could be released is about 1-in-2,700. And even then, NASA said, any contamination would be minor.

Once deployed, Galileo will embark on a six-year journey to Jupiter where it will fire a scientific probe into the Jovian atmosphere and orbit the planet for 22 months of extensive exploration.

"It's just very exciting," Lucid said. "It's important for us to learn. It's important for us to know about our solar system. It's important to learn about the universe we're in."

"There's a certain amount of risk involved in anything you do these days..."

Don Williams, Atlantis Commander

space rookies.

Each of the 122-pound RTGs contain about 24 pounds of highly toxic plutonium-238 dioxide. The heat released by the plutonium's decay is converted into electricity by instruments called thermocouples.

The astronauts noted that the nuclear generators are the only known devices that can power a spacecraft going deep into the solar system far from the sun.

Voyager 2, which last month relayed stunning photos from Neptune, is powered by similar RTGs.

powered Voyager so well for the last 12 years."

The United States has launched 22 nuclear-powered spacecraft since 1961, with all the plutonium packages encased in super hardened material designed to survive the worst possible fire or explosive conditions. None resulted in the release of radioactive release, even though one package was aboard a rocket that exploded and two survived flaming re-entries through Earth's atmosphere after accidents.

But some anti-nuclear and environmental groups have protested the use

Become a proud member of the AVION staff



127 OCEAN AVE
253-5224

MON

11-7
\$1.50 Bloody Marys
7-12 pm
\$ 75 Bud Longnecks
Live Guest Band

TUES

11-7
\$1.50
Goombay Smashes
7-12
Beat The Clock
Beer and Cocktails
Whirlwinds

WED

11-7 \$1.50
Blue Hawaiians
7-12
Customers Wearing
Ocean Deck T-Shirts
Drink For \$1.00
Whirlwinds

DIRECTLY ON THE BEACH

THUR

11-7
\$1.50 Daiquiris
7-12
\$1.00 Imports
Whirlwinds

**HAPPY HOUR
5-7
MON.-FRI.**

FRI

11-7
\$1.50
Goombay Smashes
Today's Flycheck Stub
= 1 Free Drink

DIRECTLY ON THE THE BEACH

SAT

4-7
Antilles
9-2
Whirlwinds

SUN

4-7
Antilles
7-12
\$3.50 Pitchers
Live Guest Band



LIVE REGGAE EVERY NIGHT

INTRODUCING DOMINO'S PIZZA® DOUBLES!

Everyday!



Now Get Two Pizzas For One Low Price Everyday At Domino's Pizza®!

TWO 10" PIZZAS

Original
\$7.99!



Pan
\$8.99!

Each topping only \$1.25 (covers both pizzas.) No Coupon Necessary.

TWO 14" PIZZAS

Original
\$11.99!



Pan
\$12.99!

Each topping only \$1.75 (covers both pizzas.) No Coupon Necessary.

Serving Embry-Riddle University, B.C. College & Holly Hill
255-1711
1500 Beville Rd.



Safety First! Domino's Pizza hires only safe drivers. We check all driving records before hiring.

Commuter corrosion investigated

by Kress Latham
Aeronautica Editor

The increasing number of commercial airline incidents involving corrosion related structural failures has evidently turned some eyes upon another facet of the aviation industry.

Recently, the Regional Airline Association (RAA) and the General

Aviation Manufacturers Association issued a summary report concerning the current condition of the nation's fleet of commuter aircraft in regards to corrosion.

The report states that a recent international conference found no "significant current safety problems with aging commuter aircraft." Copies of the report have been presented to the FAA.

The report does, however, recommend 23 specific actions to be taken by both the industry and the Federal Aviation Administration to "insure the highest levels of safety in commuter aircraft."

RAA Executive Vice President John Fredericksen said, "I am unaware of any accident or incident

caused by age, metal fatigue or corrosion in the U.S. commuter fleet. Nevertheless, we must make sure that we have thoroughly investigated all possible problems and insure that prudent action is taken to address our concerns. A key part of our efforts is the Supplemental Inspection Document, which we hope the FAA will

there is no theoretical, quantitative limit to an aircraft's life. An older aircraft can be inspected and maintained to be safe and reliable. Keeping our older airplanes in shape for the long haul involves closer, detailed and more frequent inspections by highly trained inspectors using the most sophisticated techniques possible. In pursuit of this goal, GAMA is preparing a specification that the aircraft manufacturers will use to develop Supplemental Inspection Documents."

The report's recommendations address the areas of maintenance, manufacture, operation and certification of commuter aircraft as well as the implementation of Supplemental Inspection Documents.

Also, the review of all existing service bulletins and FAA Airworthiness Directives is suggested along with the issuance of updated advisory

materials on corrosion and related repairs.

The need for better communication between operators and the formation of periodic meetings was also addressed in the report as a means of keeping the corrosion situation in check.



Photo by Tammy Wright

In Search Of...

Operators of commuter airlines are keeping a tight vigil on the ever present threat of corrosion.

make mandatory. We are a public service industry and we take our responsibility to the public very seriously."

GAMA Chairman Max Bleck said, "At the heart of GAMA's continued airworthiness program is a basic philosophy that we share with the large air carrier manufacturers - that



File photo

Night Prowler...

A venerable warhorse, the AV-8B Harrier will soon have the ability to see in the dark, making it a formidable nocturnal predator.

GE sets the scene for AV-8B

by Kress Latham
Aeronautica Editor

U.S. Marine Corps pilots that have been selected to fly the new, night attack version of the AV-8B Harrier II will have the added benefit of being trained in one of the most advanced flight simulators of the day.

The trainer's visual system had its genesis in General Electric's Simulation and Control Systems Department which is located at their Daytona Beach facility and is made up of a team of engineers which includes lead software engineer and Embry Riddle alumna, Lisa Latham.

The visual image generation system, known as Compu-Scene IV, has been an unprecedented success with aerospace industry leaders such as Lockheed, McDonnell Douglas Aircraft, McDonnell Douglas Helicopters, and Sikorsky.

The Compu-Scene IV system is the first visual system to make use of a process known as cell texturing. This technology manipulates the faces (or polygons) within the database and makes it possible to achieve extraordinary realism within the scene without consuming feature resources.

The higher the number of these faces within the database, the greater the degree of resolution in the image being projected. General Electric's Compu-Scene IV incorporates up to 8,000 faces of image capacity with its present state of technology, making them the acknowledged leader in the field.

The databases are created from Defense Agency Mapping data using GE's Database Generation System. Ad-

ditional features such as trees, rocks and buildings can then be placed over the terrain as needed. A number of features capable of movement can also be placed within the visual scene. These features include moving models, articulated parts of moving models, projectiles, smoke, flak, flares, and weapon effects.

The trainer itself is manufactured by McDonnell Douglas Corporation and is housed within a 40 foot projection dome on which is cast a complete 360 degree view of the pilot's surroundings at all times.

The pilot climbs into the trainer's cockpit which is identical in every detail to that of the actual aircraft. He wears a G-suit and sits in a seat that simulates G-forces through the pressurization and depressurization of special pockets within its supports.

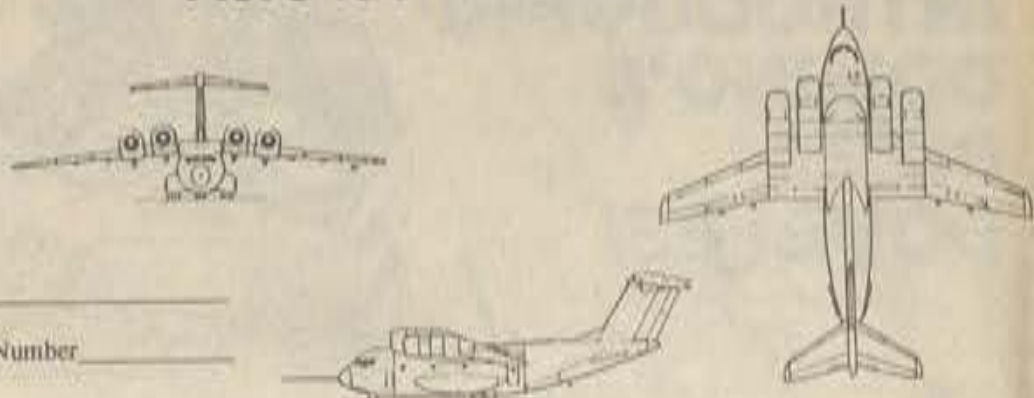
The key features of the night attack AV-8B are a forward looking infrared sensor (FLIR) channel that shows the pilot a video image of the scene ahead, a color digital moving map that displays important navigational, threat and intelligence data, and the night vision goggles system. Cockpit lighting is also modified to be compatible with the goggles.

Pilots will have been trained to a high level of proficiency in operating the sophisticated weapons systems of the AV-8B before ever leaving the ground.

Another important feature of the night attack Harrier is the head tracking system which provides the pilot with a high resolution image which is displayed at any point on the dome. This is a radical departure from other simulators where the high resolution picture is only available through

see AV-8B, page 7

Aero Identification



Name _____
ERAU Box Number _____
I.D. Entry _____

The exact answer drawn, of 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. Return this entry form to the Avion.

ACE HOBBIES

ONE OF THE LARGEST SELECTIONS OF BOATS HELICOPTERS AIRPLANES CARS HELICOPTERS



PLASTIC MODELS PAINTS TRAINS

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

IN VOLUSIA COUNTY
10% DISCOUNT TO STUDENTS

ACROSS FROM
LONG JOHN SILVER'S
S. DAYTONA 761-9780



BUCK'S GUN RACK

"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

ERAU STUDENT DISCOUNT SHOW YOUR ERAU ID CARD AND RECEIVE SPECIAL DISCOUNTS ON AMMO AND ACCS.

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

Sunrise Aviation

Ormond Beach Municipal Airport
Full Service FBO

CONSIDERING WHAT YOU GET WHEN YOU FLY WITH US:

CONSIDER WHAT YOU DON'T GET:

- 1-CLEARANCE DELIVERY DELAYS
- 2-TOWER CONTROL DELAYS
- 3-APPROACH AND DEPARTURE DELAYS
- 4-VECTORS, VECTORS, AND MORE VECTORS

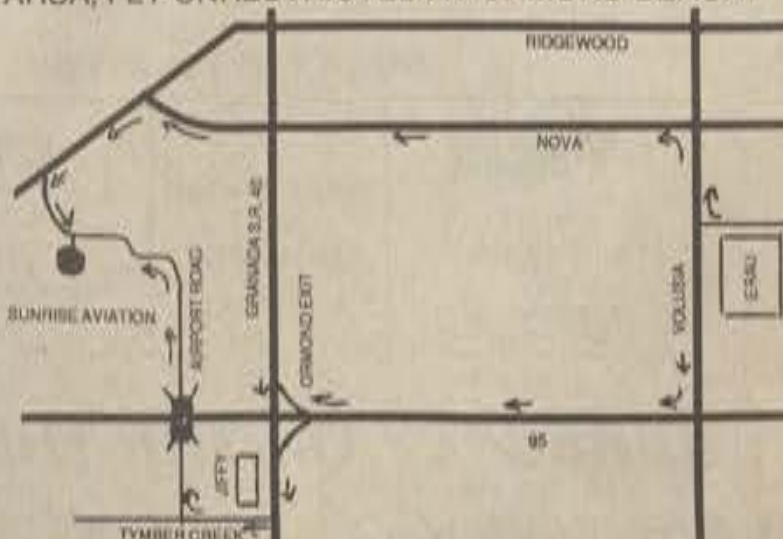
WHAT YOU DO GET::

- 1-MORE AIR TIME FOR YOUR FLYING DOLLAR
- 2-CLEAN VFR AND IFR PLANES
- 3-LOWEST PRICES IN THE AREA

- C-152 VFR-IFR\$34.00 per hour
- C-172 IFR\$45.00 per hour
- AST 610 FLIGHT SIMULATORS\$16.00 per hour
- ALL FLIGHT INSTRUCTORS\$16.00 per hour

AVOID DAYTONA'S ARSA, FLY UNRESTRICTED AT ORMOND BEACH!

AVSTAR\$39.95
WITH CURRENT
RIDDLE ID



10% discount to ERAU students

Avoid Daytona's TRSA, fly unrestricted at Ormond Beach!
Build your flight time inexpensively

677-5724

Banner towing school offered

by Phyllis A. Salmons
News Editor

Pilots interested in banner towing will soon have the opportunity to get training specially designed for learning the business at all levels. Marie LaCour, owner of Aerial Messages, Inc. in New Smyrna Beach, has announced the development of a Banner Towing School in which "the student will obtain the knowledge, skill and aeronautical experience necessary to meet the requirements for an FAA flight check for banner towing in a Bellanca Citabria."

The Banner Towing School will provide 35 hours of ground school and 10 hours in the Citabria. The ground school will be taught by two instructors, but all in-flight training will be one-on-one. LaCour said that upon completion, students will "know the whole business which will better train them to think critically in any situation."

Requirements for registration in the Banner Towing School, composed of 10 units to be covered in 10 days, a student must have a commercial certificate with a current medical and 25 hours tailwheel experience or prior approval of the management. All equipment and supplies are provided.

In order to graduate from the Banner Towing School, the applicant must demonstrate proficiency through an oral and written examination, a flight check, and show through appropriate school records that he or she meets the knowledge, skill and experience requirements necessary to obtain an FAA banner tow checkout in a Citabria.

Many will remember that just this year, two banner pilots have lost their lives at Daytona Beach, raising the question in the public eye of the safety and training of banner pilots. Gustavo Cameto died on March 25 when his aircraft stalled in a bank, and Roger Edward Figg died on June 15 when his plane became entangled in the banner of another plane. Cameto was employed by Aerial Messages at the time of his death, and though Figg was employed by a rival company, he was "a good friend" according to LaCour.

The Banner Towing School offered by Aerial Messages is dedicated to these two pilots, LaCour explained that their passing will not go unnoticed and through the prin-

ciples offered in this course perhaps other pilots will be able to handle or avoid potentially dangerous situations.

LaCour and Chief Pilot Jeff Widman are responsible for the development of the Banner Towing School in an effort to provide added structure to the banner towing business at all levels. They collaborated in the design of the course, asking for input from major operators around the country.

Students who enroll in the program will study every aspect of the business, from the history of towing, sign assemblies, hook deployment, patterns for tow operations, legalities, insurance, weather (local conditions, wind shear, wake turbulence, etc.), as well as vital information regarding incidents, accidents, responsibilities when dealing with the FAA, NTBS, the owner of the company and the press.

"We will provide training that would take years of actual experience to obtain," explains LaCour. "Graduates of this school will have been exposed to banner towing on a professional level before starting work. The principles and safe practices that will be learned will apply to banner towing anywhere. In the past, banner tow training was minimal and varied." LaCour pointed out that banner towing is an excellent way of building flight time and gaining experience while making some money.

When asked how the Banner Towing School was received by the FAA, LaCour explained that the training will initially open under Part 61 with application made under Part 141, in hopes that banner towing operators will demand strict certification much like is now required of crop dusters. LaCour stated that the curriculum was very well-received by the FAA and they plan cooperate in this endeavor.

The program is designed to take five students at a time through the complete program in 10 days at a cost of \$1275 to the student. The next session is planned for October 9 with a registration deadline of October 2.

For information about scheduling and details about curriculum and requirements, call 1-427-8627 (no long distance charges involved). For students who cannot spare 10 consecutive days for training, a special weekend course will be offered if there is sufficient interest.



Photo by Tammy Wight



Photo by Tammy Wight

Towin' The Line...
Banner pilots will soon have the benefit of professional training for a career that is not without inherent dangers.

Can They?...

Today's major carriers are keeping Wall St. busy these days as takeovers and buyouts run rampant.

Airlines take over Wall St.

by Joe Cambron
Aeronautica Writer

This summer, several events began to change the shape of America's airline industry. American mega-carriers became the toast of Wall Street. To celebrate their newly found profitability and willingness to play a consistent part in business society, Wall Street threw them a party, a \$30 billion party.

First, Northwest Airlines fell prey to investor Alfred Checchi after a long courtship by Marvin Davis, Kohlberg-Kravitz-Roberts, and even financially wobbly Pan Am. Then, Delta, USAir, Midway, Hawaiian, and most notably United began being nibbled at by Wall Street.

Delta put about 25% of its stock in the hands of its employees and Switzerland based Swissair, USAir initiated an expensive stock buy-back after having completed a major stock issue only last year.

Midway is fighting off a potential bid by a small investment group by increasing its shareholder rights plans by means of what is known as a poison pill (a plan designed to make a takeover excessively expensive). Hawaiian Airlines was recently sold to a group led by former Baseball Commissioner Peter Ueberroth.

ceremonious departure of Chairman Richard Ferris, is now facing a takeover battle. Former Flying Tiger and Republic Airlines saviour, Stephen Wolf was called upon to lead the airline through saddening times as Westin Hotels, Hertz Rent a Car, and half of the mammoth Apollo Computer reservation system were sold for handsome amounts that were in turn funnelled back to shareholders by means of a stock buy-back and special dividend of between \$1.5 and \$2 billion.

With United's stock peak at \$100, watchers on Wall Street began to grow about the high prices of airline stocks in relation to their meager earnings history. Things were actually quiet for a few years. Earnings rose, but in the face of astronomical future traffic projections, airlines began to order massive numbers of aircraft to replace fleets of planes purchased in the sixties and seventies. To finance these expenditures and the ever rising cost of the many World War II and Korean War pilots now retiring from airline jobs, airlines found it surprisingly easy to raise fares.

With the wave of mergers in 1986 and 1987 wiping out the vast majority of "low-cost" carriers through mergers and bankruptcies at the hands of the eight major airlines, fares rose even more.

This year marks the first time in history that Wall Street has recognized that airlines can remain consistently

profitable. The question to be asked is "can they?"

As Wall Street forces billions of dollars of debt on top of airlines already financially strained by huge aircraft orders, traffic has fallen by 2% this year for the first time in a decade. United Airlines, for instance, which is now considering a takeover proposal of \$300 per share or more than \$7.5 billion, has made close to \$1 billion over the last three years. United's records show, however, that in the seven previous years the airline cumulatively lost \$31 million. In three of those years, United lost over \$150 million each year.

With America's airlines becoming the walking wounded, many people believe now is the time to start the deregulation cycle over again. Congress could and is considering legislation to abrogate airport leases which tie up unused facilities, preventing new carriers from using them. Some leases with airlines even prevent construction meant to enlarge an airport terminal for new carriers.

In conclusion, it seems that some low fare carriers will continue to carry the torch of lower fares to the country. A new Eastern Airlines, Southwest Airlines, and America West all seem bent on keeping fares reasonable. Instead of allowing these airlines to die or merge away, the country and the Congress could do well to try to add to their numbers.

THE HAIR SHOPPE

760-1864

WE WELCOME ERAU


THE HAIR SHOPPE

PRECISION HAIR CUTS \$5.00

ROTC CUTS \$5.00

ERAU

2550 NOVA RD DAYTONA BCH



AERIAL MESSAGES, INC.

Banner Towing School

10 days, 35 hours ground school, 10 hours Bellanca Citabria. All equipment & supplies provided. Completed preparation for FAA Checkride.

Registration Deadline October 2, 1989
Next session begins October 9, 1989
Weekend course available on request
For scheduling (904) 427-8627
1998 Aero Circle,
New Smyrna Beach, FL 32168

FUN VACATIONS TRAVEL CENTER

EXTENDED HOURS:
OPEN UNTIL 8PM
MONDAY-FRIDAY

Guaranteed Lowest Airfares
\$100,000 Free Flight Insurance
Walking Distance From ERAU
CALL TODAY 258-7774

FUN VACATIONS TRAVEL CENTER
1808 VOLUSIA AVE # 302
ACROSS FROM SPEEDWAY

GIFT WRAPPED



1316 Volusia Ave
(K-mart Shopping center)
255-2222

ROSES

\$12.95

doz
Cash and Carry

With This Ad
expires Sept. 30, 1989

Floral Expressions Florist

118 S. Nova
Ormond Bch.
672-1234

STEVENS TIRE

BRACKSIDE
140 MAIN STREET
AT HALIFAX
255-2581
7:30-6 PM

ORMOND BEACH
300 W. GRANADA
Next door to Allied Tire
677-5131
8:00-9:30

WESTSIDE
1010 VOLUSIA AVE.
AT NOVA RD., DAYTONA BEACH
254-1986
7:30-7, Sunday 10-3

No Need to Check At Stevens We Set The Prices Let 'Em Try To Match

Firestone / Dayton 4 TIRE TOTAL PRICE		PERFORMANCE RADIAL Lifetime Limited Warranty																									
<p>Price includes Tax, Mounting, Balancing, Beams and Front End Align (most Cars & Trucks)</p> <p>Tirestone +20 TOYO</p> <p>METRIC STEEL RADIAL B/W</p> <table border="1"> <tr> <td>*149</td> <td>*169</td> <td>*189</td> </tr> <tr> <td>185 BR-13</td> <td>175 TOR-13</td> <td>175 BR-14</td> </tr> <tr> <td>185 BR-13</td> <td>185 TOR-13</td> <td>185 TOR-14</td> </tr> <tr> <td>185 BR-13</td> <td>185 TOR-14</td> <td>185 TOR-14</td> </tr> </table>		*149	*169	*189	185 BR-13	175 TOR-13	175 BR-14	185 BR-13	185 TOR-13	185 TOR-14	185 BR-13	185 TOR-14	185 TOR-14	<p>Dayton Bull +40 TOYO</p> <p>STEEL RADIAL W/W</p> <table border="1"> <tr> <td>*169</td> <td>*189</td> <td>*209</td> </tr> <tr> <td>P185/BR-13</td> <td>P185/TOR-13</td> <td>P210/TOR-14</td> </tr> <tr> <td>P185/BR-13</td> <td>P185/TOR-13</td> <td>P205/TOR-13</td> </tr> <tr> <td>P185/BR-13</td> <td>P205/TOR-13</td> <td>P205/TOR-13</td> </tr> </table>		*169	*189	*209	P185/BR-13	P185/TOR-13	P210/TOR-14	P185/BR-13	P185/TOR-13	P205/TOR-13	P185/BR-13	P205/TOR-13	P205/TOR-13
*149	*169	*189																									
185 BR-13	175 TOR-13	175 BR-14																									
185 BR-13	185 TOR-13	185 TOR-14																									
185 BR-13	185 TOR-14	185 TOR-14																									
*169	*189	*209																									
P185/BR-13	P185/TOR-13	P210/TOR-14																									
P185/BR-13	P185/TOR-13	P205/TOR-13																									
P185/BR-13	P205/TOR-13	P205/TOR-13																									
<p>Price includes 40,000 MILE WARRANTY GUARANTEED</p> <p>DAYTON "THOROBRED" 48 State guarantee</p> <p>4 TIRE TOTAL PRICE</p> <p>Price includes Tax, Mounting, Balancing, Beams and Front End Align (most Cars & Trucks)</p> <table border="1"> <tr> <td>*179</td> <td>*209</td> <td>*219</td> </tr> <tr> <td>P185/BR-13</td> <td>P185/TOR-13</td> <td>P210/TOR-14</td> </tr> <tr> <td>P185/BR-13</td> <td>P185/TOR-13</td> <td>P205/TOR-13</td> </tr> <tr> <td>P185/BR-13</td> <td>P205/TOR-13</td> <td>P205/TOR-13</td> </tr> </table>		*179	*209	*219	P185/BR-13	P185/TOR-13	P210/TOR-14	P185/BR-13	P185/TOR-13	P205/TOR-13	P185/BR-13	P205/TOR-13	P205/TOR-13	<p>IMPORT METRIC RADIALS 30,000 Mile Limited Warranty</p> <p>\$18.99</p> <p>145R-13</p> <table border="1"> <tr> <td>155R-13 \$19.99</td> <td>165/70R-13 23.99</td> </tr> <tr> <td>165R-13 20.99</td> <td>175/70R-13 25.99</td> </tr> <tr> <td>175R-14 32.99</td> <td>205/70R-13 28.99</td> </tr> <tr> <td>165R-15 24.99</td> <td>185/70R-14 28.99</td> </tr> </table>		155R-13 \$19.99	165/70R-13 23.99	165R-13 20.99	175/70R-13 25.99	175R-14 32.99	205/70R-13 28.99	165R-15 24.99	185/70R-14 28.99				
*179	*209	*219																									
P185/BR-13	P185/TOR-13	P210/TOR-14																									
P185/BR-13	P185/TOR-13	P205/TOR-13																									
P185/BR-13	P205/TOR-13	P205/TOR-13																									
155R-13 \$19.99	165/70R-13 23.99																										
165R-13 20.99	175/70R-13 25.99																										
175R-14 32.99	205/70R-13 28.99																										
165R-15 24.99	185/70R-14 28.99																										
<p>15x7/15x8 STEEL WHEELS priced with tire purchase</p> <p>White spoke \$17.99</p> <p>Chrome spoke \$28.99</p> <p>Chrome, Black, Gold Mod \$31.99</p>		<p>STEEL RADIAL WHITEWALLS Major Mfg. DOUBLE BELTED</p> <p>\$18.99</p> <p>P185/BR-13</p> <table border="1"> <tr> <td>P175/BR-13 20.99</td> <td>P205/BR-15 31.99</td> </tr> <tr> <td>P185/BR-13 20.99</td> <td>P215/BR-15 33.99</td> </tr> <tr> <td>P195/BR-14 26.99</td> <td>P235/BR-15 34.99</td> </tr> <tr> <td>P205/BR-14 28.99</td> <td>P235/BR-15 35.99</td> </tr> </table>		P175/BR-13 20.99	P205/BR-15 31.99	P185/BR-13 20.99	P215/BR-15 33.99	P195/BR-14 26.99	P235/BR-15 34.99	P205/BR-14 28.99	P235/BR-15 35.99																
P175/BR-13 20.99	P205/BR-15 31.99																										
P185/BR-13 20.99	P215/BR-15 33.99																										
P195/BR-14 26.99	P235/BR-15 34.99																										
P205/BR-14 28.99	P235/BR-15 35.99																										

Prices Based on Current Priced Group Price (tax/10/standard) at Costco and Some Wholesale Members Clubs For Cash. Our price is identical or less. As with them all tires not in stock all times. Unlike them we will accept most major credit cards at a modest service charge. Unlike them an "88" Annual Membership Fee.

When you buy Dayton tires and service on a regular basis, you'll receive a special discount on all services. Includes tire rotation, balancing, and alignment. Offer good on all services.

All tires - no cash 'n' carry, balancing required. Any Dayton Tire pricing takes into consideration, buy 3 Get one Free at Main store are Suggested Selling Price.

Some tires one of these sizes could be used, you can look for it without a fee. We might be a working change.

18
and over
WELCOME
You must be
21 to drink

RAZZLES

SUNDAY-LADIES NO COVER

Amateur male dance contest. Win \$500 in gold from Miss BoJangles of Volusia Mall.

Tuesday is so great ,were doing it on Sunday

MONDAY-BIKINI CONTEST

\$100 cash prize, bikini supplied by Bikini Company on Seabreeze Blvd.

2-4-1 Drinks all night.

TUESDAY-AMATEUR MALE DANCE CONTEST

\$100 cash from Muscle Beach Gym of Seabreeze Blvd.

2-4-1 Drinks all night.

WEDNESDAY-CARIBE SUNCARE PRODUCTS PRESENTS

Wet T-shirt contest. \$100 cash from Caribe.

2-4-1 All night.

THURSDAY-LOCAL NIGHT IS BACK

Everyone drinks free from 8 pm to 11 pm.

Bar and call liquors.

Caribe Suncare Products hot legs contest.

\$100 cash prize from Caribe.

FRIDAY & SATURDAY-WEEKEND BLOWOUT!

2 FOR 1 ALL WEEKEND

Come join the most outrageous party in Daytona.

DISCOVER THE CARIBBEAN TANNING SECRET USE CARIBE SUNCARE PRODUCTS



Caribe

Suncare Products

Razzle's

**RAZZLES SEABREEZE
& A1A NEXT TO
THE OYSTER PUB**

Embry-Riddle Soccer Schedule 1989

Month	Date	Opponent	Time
September	3rd	Augusta College (H)	7:00PM
	6th	Flagler College (A)	3:30PM
	9th	St. Leo College (A)	2:00PM
	13th	Eckerd College (H)	4:00PM
	16th	Nova University (H)	3:00PM
	19th	Clearwater Christian (A)	4:00PM
30th	LaGrange College (H)	2:00PM	
October	5th	Limestone College (H)	4:00PM
	7th	William Carey College (A) @ Boca Raton	4:00PM
	8th	College of Boca Raton (A)	4:00PM
	15th	Savannah College of Art & Design (H)	1:00PM
	20th	U. of W. Florida Tourney (A)	5:00PM
	21th	U. of W. Florida Tourney (A)	TBA
	28th	Florida Atlantic Univ. (A)	12:00PM

For more information, contact Coach Tom Fisher at 239-6553.

Intramural Update

EVENT	DEADLINE	PLAY BEGINS
Team Racquetball	Thurs., 9/14	Mon., 9/18
Flag Football	Tues., 9/19	Sun., 9/24
Swim Meet	Tues., 9/19	Fri., 9/22
Water Polo	Tues., 9/19	Sun., 9/24
Basketball Hot Shot	Mon., 10/2	Thurs., 10/5
Racquetball Tour.	Mon., 10/9	Fri., 10/13
16" Softball	Mon., 10/16	Tues., 10/24
Biathlon	Mon., 10/23	Fri., 10/27
7/7 Soccer	Mon., 10/23	Sun., 10/29
Floor Hockey	Mon., 10/23	Mon., 10/30
Golf Tournament	Wed., 10/26	Sat., 10/28
Wallyball Tourney	Mon., 10/30	Fri., 11/3
Miniature Golf	Mon., 11/13	Fri., 11/17
Bench Press Contest	Mon., 11/27	Thurs., 11/30

Embry-Riddle Basketball Schedule 1989

Month	Date	Opponent	Location
November	10th	7:30PM (H)Mainland HS	Nova Univ.
	15th	7:30PM (A)St. Augustine	Flagler Coll.
	17th	7:30PM (A)Miami	Barry Univ.
	18th	7:30PM (A)Boca Raton	Fla. Atlantic
	21st	7:30PM (H)Mainland HS	Warner South.
	24th	7:30PM (H)Mainland HS	Queens Coll.
25th	2:00PM (H)Mainland HS	Mars Hill	
December	1st	TBA (A)Savannah	Armstrong St.
	2nd	TBA (A)Savannah	Tournament
	8th	7:30PM (H)TBA	Kennesaw St.

Basketball try-outs are taking place now through Sept. 15 from 6:30 pm-8:30 pm at the outdoor basketball courts. Interested persons are urged to come try-out.

For more information, contact Coach Steve Ridder at 239-6527.

NATIONAL FOOTBALL LEAGUE STANDINGS

AMERICAN CONFERENCE								NATIONAL CONFERENCE							
East Division	W	L	T	PA	PF	Home	Away	East Division	W	L	T	PA	PF	Home	Away
New England	1	0	0	27	24	0-0-0	0-1-0	Philadelphia	1	0	0	31	7	1-0-0	0-0-0
Buffalo	1	0	0	27	24	0-0-0	0-1-0	Phoenix	1	0	0	16	13	0-0-0	0-1-0
Miami	0	1	0	24	27	0-1-0	0-0-0	Washington	0	0	0	0	0	0-0-0	0-0-0
NY Jets	0	1	0	24	27	0-1-0	0-0-0	NY Giants	0	0	0	0	0	0-0-0	0-0-0
Indianapolis	0	1	0	24	30	0-1-0	0-0-0	Dallas	0	1	0	0	28	0-0-0	0-1-0
Central Division								Central Division							
Cleveland	1	0	0	51	0	0-0-0	0-0-0	Tampa Bay	1	0	0	28	21	0-0-0	1-0-0
Houston	0	1	0	7	38	0-0-0	0-1-0	Minnesota	1	0	0	38	7	1-0-0	0-0-0
Pittsburgh	0	1	0	0	51	0-1-0	0-0-0	Chicago	1	0	0	17	14	1-0-0	0-0-0
Cincinnati	0	1	0	14	17	0-0-0	0-1-0	Detroit	0	1	0	13	16	0-1-0	0-0-0
West Division								West Division							
LA Raiders	1	0	0	40	14	1-0-0	0-0-0	Green Bay	0	1	0	21	23	0-1-0	0-0-0
Denver	1	0	0	34	20	1-0-0	0-0-0	LA Rams	1	0	0	31	21	0-0-0	1-0-0
Kansas City	0	1	0	20	34	0-0-0	0-1-0	San Francisco	1	0	0	30	24	0-0-0	1-0-0
San Diego	0	1	0	14	40	0-0-0	0-1-0	New Orleans	1	0	0	28	0	1-0-0	0-0-0
Seattle	0	1	0	7	31	0-0-0	0-1-0	Atlanta	0	1	0	23	31	0-1-0	0-0-0

MIKE'S FOOTBALL POOL

Mike's Choice

Dallas	at	Atlanta
LA Raiders	at	Kansas City
New Orleans	at	Green Bay
NY Jets	at	Cleveland
Philadelphia	at	Washington
Pittsburg	at	Cincinnati
San Francisco	at	Tampa
Detroit	at	NY Giants
Minnesota	at	Chicago
Phoenix	at	Seattle
Houston	at	San Diego
Indianapolis	at	LA Rams

TIEBREAKER: Predict the score of one game. List team with scores.

NAME:

PROGRAM:

ERAU BOX AND PHONE:

Rules of the contest: Circle the team that will win the game. Return the game card to the Avion or drop in Campus mail by the Friday before the games. The winner will be posted and will receive a free pitcher of beer or soft drink at Kokomo's, the Monday Night Football Place.

PETE'S PIZZERIA

NO IMITATION INGREDIENTS

NAPOLITANA & SICILIANA PIZZAS
CALZONE & ZEPPOLE
HOT HEROS & HOT PLATES
COLD BEER

"WE SERVE ONLY 16" EXTRA LARGE PIZZA!"

\$.50 OFF ANY SUB, HERO OR DINNER

FREE 2 LITER COKE WITH ANY LARGE PIZZA

\$1.00 OFF ANY 16" EXTRA LARGE PIZZA

CATERING FOR ALL OCCASION

FREE DELIVERY LIMITED AREA 4-11PM
OPEN EVERY DAY 10:30AM-11PM
253-3707



BEDDING BLITZ
10 DAYS ONLY

King Koil EXTRA FIRM BEDDING

TWIN SET \$128
FULL SET \$168
QUEEN SET \$198
KING SET \$298

FREE HEAVY DUTY BED FRAME
FREE BED PILLOWS WITH SET PURCHASE

ON THE SPOT FINANCING

FLORIDA WHOLESAL SOFAS
1861 N. NOVA RD. • HOLLY HILL
1/2 Blocks South of Flomich 2 Miles No. of Mason Ave.

Hours: 8-7 Mon-Fri, 9-6 Sat.
673-4790

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

LOOK FOR OKTOBERFEST, SEPT 29-OCT 1

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

BUY A LITER DRAFT (AT REGULAR PRICE)
GET A PRETZEL FREE
COUPON

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

Bill Godwin Jr.'s AMERICAN AUTO TINT

A Subsidiary of American Safety & Solar Film

10% DISCOUNT TO ERAU STUDENTS

LET DUANE DO IT!
DUANE DANCHUR, Master Auto Tinter After successfully working in the Orlando area, he has now come to Daytona Beach. Duane will be working at AMERICAN AUTO TINT. Come in and meet Duane. Call us for an appointment to have your automobile windows tinted by an expert in the field.



Grand Opening Specials	Reg.	SALE
2 Door	Reg. \$54.99	\$49.99
4 Door	Reg. \$64.99	\$59.99
Pick-Up	Reg. \$39.99	\$29.99

Complete Line of Auto Stereo & Burglar Alarm System • FREE Installation with Each Cluster Purchased
Located in South Daytona Storage & Office
2090 S. NOVA RD. • BLDG. K • SUITE 1115
SOUTH DAYTONA
788-3968

Eagle Flight Center Has The Best...



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

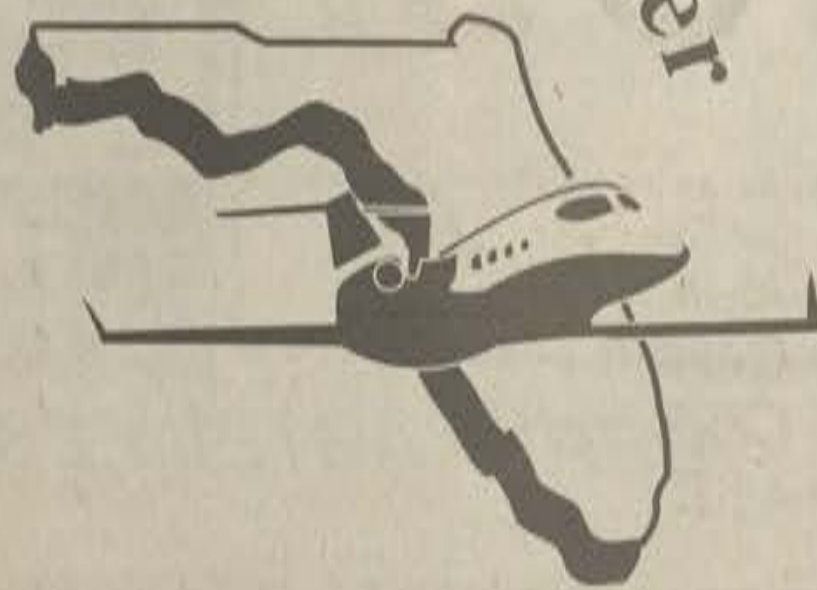
**Here are just a few reasons why
you should be flying our Decathlon**

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



The Lake Buccaneer Seaplane is also available from Eagle Flight Center

Eagle Flight Center



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.

A lost era for Titan rockets

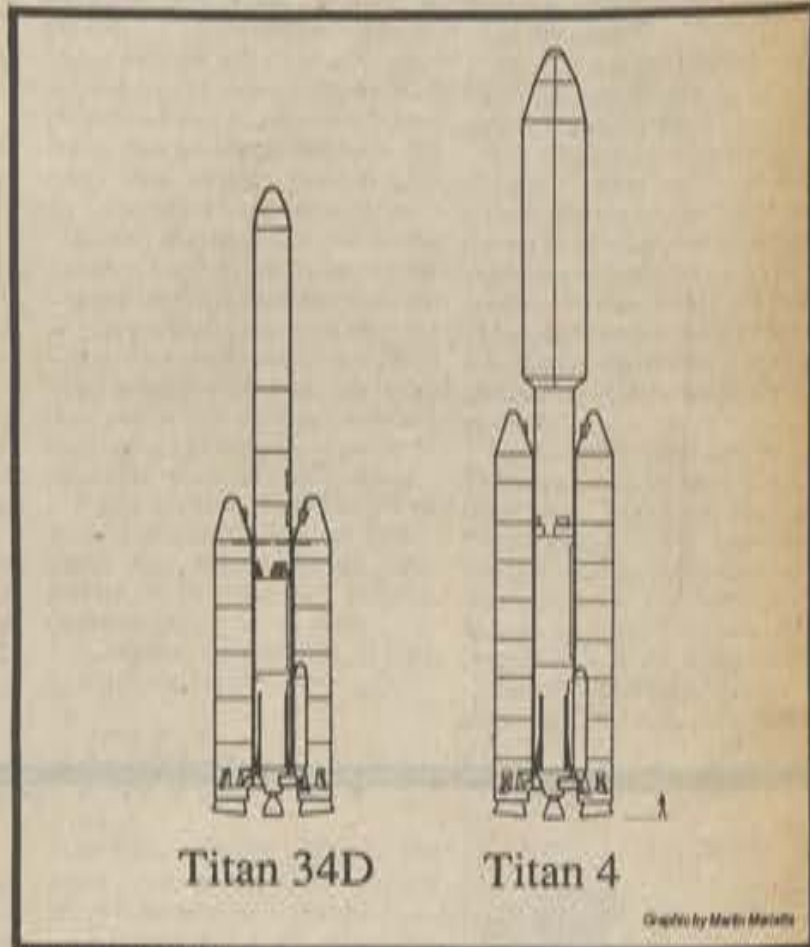
by **Derrick Seys**
Space Technology Editor

A successful launch of an Air Force Titan 34D on September 14 ended an era of Titan 3 launches that began at Cape Canaveral in 1964.

The Titan 34D was the latest model of the Titan 3 family built by Martin Marietta. The Titan 3 has a launch success rate of 96 percent in 141 attempts. The majority of the payloads have been secret military payloads built for surveillance by the Department of Defense. Because of the objective of the satellites, many of them have been launched from Vandenberg Air Force Base in California where a polar orbit can be achieved.

In addition to military payloads, the Titan 3 carried several interplanetary spacecraft. The Viking probes were launched towards Mars in 1976, and later the highly successful Voyager spacecraft both began their long journeys atop a Titan 3 in 1977.

The Titan legacy will continue into the future. The Titan 4 will be the next family of Titan launchers. A successful liftoff in June of this year introduced the new launch vehicle. The Titan 4 can place 39,000 pounds into low earth orbit and 10,000 pounds into geostationary orbit. The Titan 4 was designed by the Air Force in order to assure their access to space.



Titan 34D

Titan 4

Graphic by Martin Martin

Side by side...

A Titan 34D stands next to a Titan IV, the Air Force's newest launch vehicle. The Titan 34D made its last flight early this month and ended over 25 years of Titan 3 launches.

NASA finishes up the year

by **Michael Fried**
Space Technology Writer

NASA is currently preparing the shuttle *Atlantis* for a target launch date of October 12. It's Galileo planetary probe is inside the cargo bay undergoing final checkout.

This past weekend workers on launch pad 39-B conducted an end-to-end test of the Galileo probe. The test required the verification of the communication links between the Inertial Upper Stage (IUS), the payload and the shuttle. The test involved three different centers, mission control in Houston, the Jet Propulsion Lab in California and the IUS center in Sunnyvale California.

Over the weekend workers also completed work on the Solid Rocket Booster igniter seals. All nonessential personnel were cleared from the pad as the work involved live ordnance.

On Monday, work began to fuel the orbital maneuvering pods, reaction control system pods, the auxiliary power units and the hydraulic power units in the SRB's.

The crew for the mission is Commander Williams and piloted by McCulley and mission specialists Lucid, Baker and Chang-Diaz.

The remaining flights for the year includes a military mission in November using *Discovery* which will be followed by *Columbia* in December.

The December mission should be interesting as NASA races with time to retrieve the Long Duration Exposure Facility (LDEF) before it gets too low and burns up in the atmosphere.

NASA has another launch on Sept. 22. The last NASA launch of an Atlas Centaur will take place on Complex 36. The Atlas Centaur, AC-68 will also be the first launch of an Atlas since March 1986 when Air Force weather officials ignored warnings of high field mill readings, a strong electrical charge aloft, emanating that lightning is about to strike. A few seconds into the flight the Atlas Centaur was struck by lightning and was knocked out of control. Range safety personnel then blew up the spacecraft and Navy FLTSATCOM satellite onboard.

Cosmonauts prepare to dock

The Associated Press

BAIKONUR COSMODROME, U.S.S.R. (AP) — Two cosmonauts orbited the Earth today and prepared to climb aboard the space station Mir after a four-month break in the Soviet manned space program forced by failures and cost disputes.

Commander Alexander S. Viktorenko and engineer Alexander A. Serebrov rode a trail of orange flame into a star-filled night sky early today aboard a rocket emblazoned with advertising.

Scientists at Baikonur Cosmodrome applauded when their Soyuz TM-8 capsule reached orbit nine minutes later, and official reports said all was well with the crew. The capsule dropped two booster rockets, one carrying a 150-foot-high ad for an Italian insurance company.

The capsule is to dock Friday with Mir space station, which was unmanned at the end of April because of criticism of the cost of the space program and because two new modules were not ready.

The government newspaper *Izvestia* today said the new modules will add 60 square yards to the cramped living area in space, "and more important, sharply increase the research capabilities of Mir."

"As a whole, the crew is getting the possibility of carrying out on a contemporary level, work in the fields of geophysics, astrophysics, technology and biology," *Izvestia* said.

Officials said the new modules are nearly finished and the two cosmonauts will attach them in October and February, before they are replaced in March. Mir already is joined with *Kvant*, an astrophysics laboratory.

The first new module features a shower and sink, airlock for spacewalks and incubator in which Japanese quail eggs will be hatched to study the effects of weightlessness on heredity. The second has a telescopic camera for studying the stars, a docking port for the *Buran* shuttle and equipment to grow vegetables.

Tass, in another effort to boost the space program, today reported space research has brought \$19 billion in profits through improved weather forecasting, communications, navigation and transport rescue.

Viktorenko and Serebrov have a busy schedule during their six-month mission, which also is an important public

relations exercise. Soviet officials have stressed such space flights can yield practical dividends, and pounded home the theme in the final hours before liftoff.

To help their space program pay more of its own way, they even allowed advertising.

One of three stages of the 150-foot booster rocket, painted orange, carried an ad for the Italian company Generali. Others, for a Soviet electronics company and "New Dawn" perfume, were displayed on a side of the launch pad and in a room where the cosmonauts met reporters Monday night.

Mir was unexpectedly vacated in April because two add-on modules were not ready and the Kremlin did not want to keep a crew aboard while legislators and ordinary people were demanding more spending at home.

"If we had colossal sums, we could have had the two modules on time, but we have limited resources like everyone else," Lt. Gen. Vladimir A. Shatalov, head of cosmonaut training, told *The Associated Press*.

Leaving the Mir unoccupied for only the second time since its February 1986 launch showed a new sensitivity to public opinion by the Soviet space bureaucracy.

Gorbachev's political reforms have given space officials something in common with the U.S. National Aeronautics and Space Administration: opposition from a skeptical public and legislators trying to trim a budget deficit of \$192 billion.

Space officials invited reporters from all 15 Soviet republics and several Western countries to watch the blast-off at the huge Baikonur Cosmodrome, 1,560 miles southeast of Moscow in Kazakhstan.

They also showed off the new space shuttle *Buran* and its ground facilities.

In a scene unlikely at NASA's Cape Canaveral, journalists were even allowed on a flatbed railroad car that carried the 310-ton capsule and booster assembly to the launch pad at dawn Monday.

Chief engineer Yuri P. Semenov said Moscow spent \$2 billion on its civilian space program last year and the TM-8 mission cost \$138.80.

He estimated potential economic benefits from the flight, such as discovering mineral deposits using Mir's remote sensing equipment, at \$132 million.

Aerospace Society

Join!!!!

meetings: Wednesdays, 7 pm
Room E-611

ATLANTIC SOUNDS

- | | |
|--------------------------|---------------|
| RECORDS, TAPES, AND CD'S | NEW ALBUMS |
| USED ALBUMS | NEW CASSETTES |
| USED CASSETTES | NEW CD'S |
| USED CD'S | NEW 45'S |
| USED 45'S | |

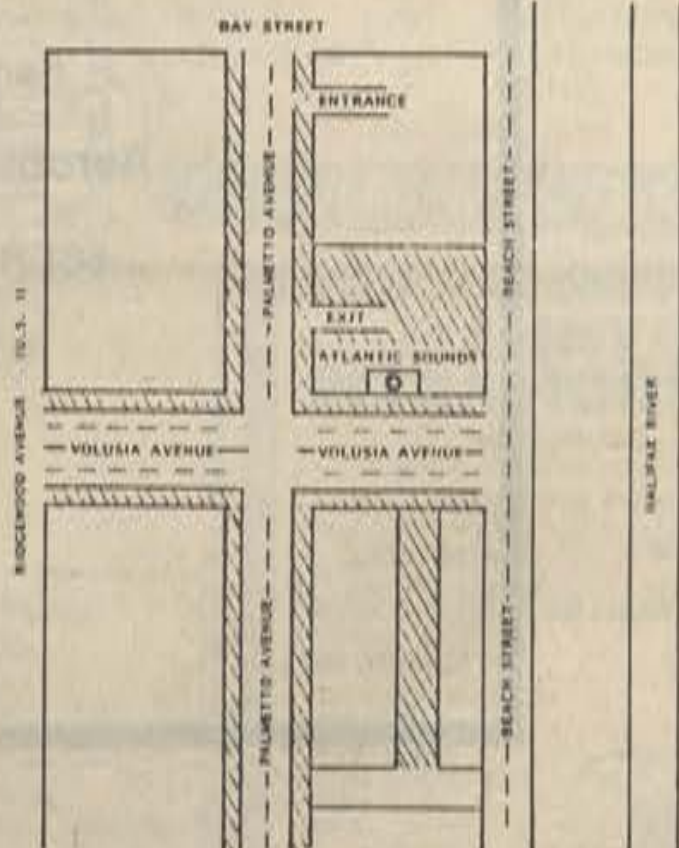
RARE COLLECTORS ALBUMS AND 45'S
ROCK AND NEW WAVE POSTERS
(LIKE YOU'VE NEVER SEEN)

CASH FOR ALBUMS, CASSETTES, CD'S AND TRADES
OVER 4000 OLDIES 45'S IN STOCK

138 VOLUSIA AVENUE
DAYTONA BEACH, FLORIDA
(904)-258-1420

9AM TO 6PM
MONDAY THROUGH

12PM TO 5PM
SATURDAYSUNDAY



PARKING

PHOENIX EAST AVIATION

Welcome Future Aviators

Phoenix East offers the largest fleet of aircraft rentals
Mooneys - Pipers - Cessnas - Beeches
• ERAU student discount •

Bridge the gap to your professional career with Phoenix East

Training programs designed to prepare you for a career as a corporate
and airline professional pilot

Airline Interview Simulator Preparatory Course

\$725

* This course is a must for anyone seeking an airline career

King Air Turbo Prop Course

\$1150.

2 King Air aircraft available for training

multi-engine block time available

ERAU - discount

Seminole - Travelair - Seneca - C402 - King Air

Aerobatic course basic - \$550. Advanced \$950.

Phoenix East Aviation

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



Lambda Chi Alpha Aerobatic Club

by Steve Palk
Fraternity Scribe

The fraternity that strives for Learning, Patriotism, Morality and Fraternity is back on campus.

Brothers, welcome back to the fall of 1989. It's good to see everyone had fun over the summer and made it back safe and sound.

This summer, during the Ohio State Leadership Seminar, brother Eric Shannon accepted the ACADEMIC ACHIEVEMENT AWARD on behalf of our chapter for having the highest GPA of all seven fraternities on campus. (Special thanks to Matty B. and his 4.0 this semester.) Congratulations to all the brothers, it's an award to be proud of because we are the best.

But, now it's time to get busy and continue working on the future. MONTECARLO NIGHT was a complete success with more than 300 freshmen and undergraduates actively

participating in festive gambling. In the end, there were prize winners and empty handers, but all were winners for coming out. Special thanks to all the girls who came out to help (Gina, Sonja, Maxine, Kattio, Stephanie and Julie). Great job girls! Brothers, keep up the great work and involvement.

RUSH! RUSH! RUSH!!! Share the wealth of Lambda Chi Alpha with the young leaders of tomorrow. Welcome all new prospects and show them the way of the CROSS and CRESCENT. Bring new prospects to all Rush functions and chapter meetings; brothers, meet and get to know these people by extending your right hand to them.

Future events to look forward to: Tonight, Giuseppe's at 7:00; Friday, Island Party; Saturday, Beach Party; Sunday, Road Rally; and Monday, Chapter meeting. See ya there...

"LAMBDA CHI ALPHA, THERE IS NO SUBSTITUTE."

by John Freas
Club Secretary

The first meeting of the Aerobatic Club was held last Wednesday at Eagle Flight Center. Topics of discussion included Clubs & Organizations day, aerobic training and the upcoming competition at Sebring Florida.

The Sebring aerobatic competition is scheduled for the 16th through the 22nd of October and the Aerobatic Club will be competing in the Basic category during one of those days. Final selection of the members competing has yet to be made, but all members are encouraged to attend the event as it will be a good introduction to genuine aerobatic competition as well as a great airshow. Further details will be given as the competition approaches.

As members return and begin to settle into the routine of school again the schedule for the aircraft is beginning to fill up. Members wishing to begin or continue aerobatic training are encouraged to schedule themselves as soon as possible.

New members at the meeting inquired about the cost of the aerobatic course. The current club discounted rate is \$799.00. This price includes 10 hours of flight time, four hours of ground instruction, parachutes and instructor (smoke extra). Flight time can also be purchased at the regular hourly club rate of \$74.00 per hour including parachutes and instructor. For those students who wish to see what aerobatics is all about before they sign up, or just want to go for a great ride, a special one-hour orientation ride is available for \$70.00 everything included and can be as calm or intense as the student wants.

The next meeting of the Aerobatic Club will be held on Wednesday September 20, 1989 (Clubs and Organizations Day) at Eagle Flight Center at 6:00 p.m.

Sigma Chi

by Fawaz Atchoo
Chapter Editor

Aren't you sick and tired of hearing the words "welcome back" from everyone? Well, we are, and you won't hear it from us, but the sentiment is still there anyway. To prove it, we've got a killer schedule lined up for Rush this Fall which is already under way. Monday Night Football at the house went over great-the free wings at half-time didn't go unnoticed, that's for sure-and a fun time was had by all.

Tonight is going to be rocking with our Porch Party at 8:00, and Thursday night won't be a disappointment, with live music from 9:00 performed by Tom Redmond of J's Island Patio. In keeping with the Sigma Chi tradition, Friday night will be our annual Blow-Out Dance Party starting at 9:00, with

the Recovery Barbecue at noon on Saturday. Beverages will be served through this date for Riddle student presenting their ERAU I.D. and a valid state drivers license.

Dry week will begin with Monday Night Football at the house with free wings at half-time, Wednesday will be Spaghetti Dinner Night, and Friday will be our Formal Rush Party. Please feel free to ask any of us for more details about any of the events going on during Rush, or call the house at 252-2277. Also, don't forget to stop by our table in the U.C. next week for more information.

All of us at Sigma Chi are extremely motivated to give you a good time throughout this Rush, and we're all looking forward to seeing you. Remember brothers: "Are you going to talk or FISH?"

Flight Team

by Michelle M. Boullianne
PFDT Representative

Welcome back everyone to a start of a productive year that will-if we work hard enough-be rewarding at both Regional and National competitions!

Mr. Wiggins announced that there will be a competition meeting for ground events on the 14th. He will post a time so please either check with him or on the notice board. Mr. Wiggins also informed us we will still be using the C-172's for competing.

Regional competition will be held in Alabama some time in November. An exact date is yet to be known. National competition will be held in Illinois during the Spring trimester.

Flight team meetings will again be held on Tuesday evenings at 1830. Please do attend all meetings and be on time. Dues will remain the same, as well as for inactive members.

Public relation trips and activities are going to be abundant so we are really going to need everyone to help out! We also need the camera to go everywhere this year, it will greatly help out with our Loening book.

We really need to make this year a big TEAM effort!! We can do it if we all work together.



Alpha Eta Rho

by Dean Zacherl
Historian

I'd like to welcome back all the brothers and sisters of Alpha Eta Rho. I hope you all had a relaxing summer break, because all of us who stayed had a good time and a somewhat productive summer. Those who took classes this summer worked hard and still had time to party.

Now with everyone back in school it's time to get the brothers joined for our productive Rush, starting with a party at the Elks lodge, Saturday night the 16th, and ending with a barbecue on the 23rd here at school from 4 pm to 8 pm.

I'd like to thank all the brothers for their participation on the Backdrop.

(You know who you guys are.) The board turned out excellent! It should prove to be impressive in the U.C.

Congratulations to the new executive board. They were voted on at the end of the spring semester. The new executives are: president, Joseph Santa Lucia, Jr.; vice-president, Frank Charles; secretary, Michelle Nichols; treasurer, Brian Bradley; Pledge Master, Paul Hromanick; historian, Dean Zacherl; and alumni secretary, Trish Wilkins. Congratulations are also in order for the new brothers who proved to AER that they were Fraternity material.

This year should prove exciting and interesting, especially with Slayer holding the office of Pledge Master.

Join the Avion , meetings Wed. 6:00 Avion office

EVERY SUNDAY
IN
SPRUANCE HALL
CATHOLIC MASS
10 A.M., 7 P.M., 10 P.M.
PROTESTANT SERVICE
11:15 A.M.

LENZ
SE HABLA ESPANOL MILAME ELLHNIKA (Please ask for Chris)
AUTO ELECTRIC
FOREIGN SPECIALISTS
OPEN SAT
SERVICE WHILE YOU WAIT
1/2 HOUR OR LESS (UNDER NORMAL CONDITIONS)
15 PERCENT DISCOUNT WITH STUDENT I.D.
255-3111
STARTERS & ALTERNATORS FOR ALL FOREIGN & DOMESTIC UNITS. IN STOCK 1940-87
Inexpensive Reconditioned Batteries
LENZ AUTO ELECTRIC
551 N. RIDGEWOOD AVE., DAYTONA

ALL TRAVEL CENTER INC.
MON. - FRI. 8:30 - 5:30
SAT.
254-8125
1132 A BEVILLE ROAD • DAYTONA BEACH
Your One Stop Travel Store
BOOK NOW AND SAVE GUARANTEED LOWEST AIRFARES AVAILABLE FROM DAYTONA BEACH TO:
ATLANTA 67 NEW ORLEANS 67
BIRMINGHAM 77 NEW YORK 77
BOSTON 107 NORFOLK 77
CHICAGO 97 PHILADELPHIA 107
DENVER 127 PITTSBURGH 97
DETROIT 97 PROVIDENCE 97
HARTFORD 97 RALEIGH DURHAM 77
LOS ANGELES 147 SAN FRANCISCO 147
NASHVILLE 77 SEATTLE 147
CALL FOR DETAILS
Call For More Details

YOUR FUTURE DEPENDS ON GOOD HEALTH!
WE BUILD SUPER FIT BODIES AT THE
ULTIMATE FITNESS CENTER

Try Us Once Absolutely FREE
Join Upon 1st Visit Get 3 MONTHS FREE
ADDED TO ANNUAL MEMBERSHIP
VALID WITH COUPON ONLY
ULTIMATE FITNESS CENTER
788-0100 2550 So. Nova Rd.
"Join Together"
Join with a friend or family member & get a one year membership for
\$74.50 Per Person
VALID WITH COUPON ONLY
ULTIMATE FITNESS CENTER
788-0100 2550 So. Nova Rd.

STUDENT SPECIAL ONE YEAR \$99.00
"Freeze Time Available"
VALID WITH COUPON ONLY
ULTIMATE FITNESS CENTER
788-0100 2550 So. Nova Rd.
"BONUS COUPON"
The first 20 people to join get
\$20.00 OFF
A Pair of Reeboks from Athletic Attic Pt. Orange (On Non Sale Items)
ONE COUPON PER OFFER
VALID WITH ONE YEAR MEMBERSHIP
ULTIMATE FITNESS CENTER
788-0100 2550 So. Nova Rd.

"Serving ERAU For Over 10 Years"
• COED • Machines
• Free Weights • Nutrition Guidance

CALL TODAY 788-0100
2550 So. Nova Road • South Daytona (5 Minutes from ERAU)
(Two Stoplights South Of Beville Road At Reed Canal)

Manny's Free Delivery • Manny's Free Delivery
MANNY'S PIZZA HOUSE III RESTAURANT
"We Don't Say We're The Best... Our Customers Do"
1510 S. Ridgewood Ave. • Daytona Beach
258-8849 50¢ DRAFT LUNCH ONLY
SUPER DISCOUNT ON PIZZA PARTIES
EAT IN OR TAKE OUT
FREE DELIVERY
• HOT OVEN GRINDERS
• BEER & WINE
• GREEK SALAD
• HOME COOKING
• HOME MADE SOUP
DAILY PASTA SPECIALS
LUNCH SPECIALS Includes Garlic Bread \$3.25 DINNER SPECIALS \$2.95
1.95 ALL YOU CAN EAT
LUNCH OR DINNER
• 2 Spaghetti Dinners
• 2 Fettucini Dinners
• 2 Baked Ziti Dinners
With Greek Salad, Tossed Garden Salad or Soup & Garlic Bread
Dinner Only with Coupon Thu 8:30-9:00
BUY 1 LG. CHEESE PIZZA GET MED. GREEK SALAD \$1 Each Additional Topping
FREE \$6.90
PICK UP OR DELIVERY expires 10/30/89
BUY 1 LG. PIZZA WITH 2 TOPPINGS GET SMALL CHEESE PIZZA
FREE \$8.95
PICK UP OR DELIVERY! expires 10/30/89
Manny's Free Delivery • Manny's Free Delivery

The Avion presents a guide to this year's record breaking summer box office

by Joe Cambron
Divisions Editor

This past summer being perhaps the most successful summer in the history of the motion picture industry, it is probably best to rank this summer's movies for future rental and last minute dashes to the box office, before it is too late.

In order to minimize outrage on the part of moviegoers as much as possible, movies mentioned will be split into two categories in order to separate movies according to their merits.

Action/Adventure:

1. Indiana Jones and the Last Crusade-Arguably the best movie of the summer, Sean Connery adds an element of sentimentality and warmth to the usually excellent Harrison Ford sequels. George Lucas makes viewers wish that Indiana Jones could live forever.

2. Casualties of War-This moderately successful film, is probably the most memorable movie of the summer. Not only does Michael J. Fox prove his ability to act in a serious role, but Sean Penn contributes one of the best performances of his career.

Tie 3. Abyss-A movie that sports not only the most intriguing situation of the summer, but that includes the best 120 minutes of any movie this year. Abyss's downfall, however, occurs at its surprisingly disappointing ending. The \$60 million film starring Ed Harris and Mary Elizabeth Mastrantonio could be Hollywood's most expensive movie of all time and certainly deserves a look, if only for its realistic effects and non-stop heart-wrenching action.

"Casualties" shows a disturbing side to both war and humanity

by Joe Cambron
Divisions Editor

Casualties of War is a gripping tale of a hard driving U.S. Army Sergeant played by Sean Penn and a private just beginning his tour, played by Michael J. Fox. *Casualties* is not simply a war movie in the mold of the epic war films of the eighties. Instead, director Brian De Palma has resolved to tell a tale of a single incident that changed a group of people's lives.

Casualties follows the irrevocable decisions made by Penn regarding the abduction and rape of a native South Vietnamese girl. Although an excellent soldier and a solid leader that his subordinates nearly worship, Penn begins to lose control of his emotions under the constant day-to-day moral and physical strain of command in an unwinnable war. At times, the

senselessness of the situation makes one wonder if troops were landed, given orders that specified only that they should wander like nomads through unknown jungles murdering "gooks", and armed with weapons that could kill anything.

Both the script and the images on the screen are filled with symbol-

Both the script and the images on the screen are filled with symbolisms and ironies that...that flood the memory even after the movie has ended.

isms and ironies that are only magnified by the alternately heartfelt and icy deliveries of the film's skilled actors. Memorable lines flood the memory even after the movie has ended. One line, delivered by Penn, states the feeling of the war and the insanity slowly encroaching on Penn. "We all have weapons. Anyone could kill anybody at any time...which is the way it should be."

The film is bracketed by modern day views of Fox riding the bus and subways of San Francisco thinking alternately of a young vietnamese girl he seems pitifully drawn toward and probably facing the fear of meeting one of his former squadmates that might still live off hate vented toward him.

Michael J. Fox gives an admirable performance as a character not that much different from his Alex P. Keaton role on "Family Ties." Fox maintains his moral strength, as exhibited on the show in numerous episodes, but draws a line between murder for a cause and senseless violence.

Brian De Palma's directing is highlighted in several gut-wrenching scenes, but perhaps the

Tie 3. Batman-The most hyped movie of all time appears to have already burned itself out. All that "Bat-wear" is now on sale, and most of the country's theaters have already pulled the film, a strange occurrence for "the film of the decade." Batman is by most measures an excellent film, it seems to elicit more of a sense of wonder than anything else from its audience, however. For edge of the seat drama and

Biggest Disappointment-Star Trek V The Search for Intelligence, or something like that-As a Trekkie devoid of common sense, a assumed part five would compare with part four at least in some way. Like many others, disappointment reined. Glancing half-heartedly at the credits it became apparent what had fouled up this movie, William Shatner-William Shatner-William Shatner. His name was repeated as

Jason Robarts are just a few of the fabulous actors in this Ron Howard film. Although not really a comedy, this film accurately represents both the happiness and depression of parenthood. Some scenes are so shocking to a parent emersed in a similar situation that they can erase from that person's memory the laughter that preceded.

Tie 2. Dead Poets Society-Robin Williams and a cast of mostly unknowns show the drudgeries of growing up under pressure from parents, teachers, friends, and relationships. Robin Williams is determined to "make their lives extraordinary" by exhorting them to carpe diem, seize the day- for those who took Spanish or French. Despite having seen this movie enough times to repeat back portions of the dialogue, not one viewing was a waste of time.

3. Honey, I Shrank the Kids-Rick Moranis stars in a simplistic film that takes its entire plot from its title. The real jewel of the film is its opening cartoon starring Roger Rabbit and Kathleen Turner as Jessica Rabbit. Seeing cartoons being again shown before features, particularly one with the quality of this one, makes one yearn for the days cartoons preceded all features.

4. Turner and Hooch-Tom Hanks plays a cop sequestered to watching a dog who witnessed a murder. No its not K9 2 already, this dog is a disheveled mass of ugliness. A pseudo-bulldog untrained for anything but ugliness and drooling. The

Top Four Movies of the Summer	
Action/Adventure	Comedy/Drama
1. Indiana Jones and the Last Crusade	1. When Harry Met Sally
2. Casualties of War	Tie 2. Parenthood
Tie 3. Abyss	Tie 2. Dead Poets Society
3. Batman	3. Honey, I Shrank the Kids
4. Lethal Weapon II	4. Turner and Hooch

many times as his predecessor in production, Leonard Nimoy, had been. One credit stills sticks in my mind, though, Screenplay by William Shatner. Some things must be unforgivable.






Comedy/Drama

1. When Harry Met Sally-Billy Crystal and Meg Ryan bring love and friendship to the screen in an eerie replication of life, directed elegantly by Rob Reiner. This film is funny, exciting, and warm. Take a friend, one of the opposite sex, if there is such a thing.

Tie 2. Parenthood-Steve Martin, Rick Moranis, and

unfamiliar to his career, a nineteen year old man on the border between sanity and desperation. Sean Penn's eerie performance could be the best of his filmed life, and warrants viewing even by those

who usually cast him away. Interestingly, Fox eagerly admits that he would have welcomed the opportunity to play the roll given to Penn, if only to blunt his "good boy" image.

Movie Rating System	
	In Flight An Excellent Movie, Worth Seeing Twice.
	Takeoff A Good Movie, Worth the Money.
	Taxiing A Fair Movie, Worth Seeing.
	At the Gate Wait For the Videotape.
	In the Ground Not Worth Your Time or Money.

Jim Walker's

HONDA - SUZUKI OF DAYTONA

LET US MAKE YOU

TOP GUN



SPECIAL ERAU STUDENT FINANCING

AS LITTLE AS \$99.00 DOWN & \$25.00 PER WEEK

LARGEST SELECTION OF QUALITY USED MOTORCYCLES IN DAYTONA

COMPLETE LINE ON HONDA SCOOTERS AVAILABLE

WHY WAIT? RIDE TODAY!

761-2411

2385 S. RIDGEWOOD AVE.
SOUTH DAYTONA

SERVING YOU IN DAYTONA SINCE 1972!

Band makes summer pool party a blast

by Tina Matilla
Staff Writer

Ever wonder what happens to those bands that play every year at ERAU's annual talent night? Seemingly, they become one band, practice for two to three weeks and then play at the Whitehall Hotel/Resort's Summer's End Pool Party.

At least it happened that way for the two bands that called themselves AKA and Heidi's Gang. Members of these two bands now play together as a new band called The Leading Edge. And last Saturday at 8:00 pm this new band played its first ever outdoor concert at the Whitehall.

The Leading Edge is a six member band whose members share two common denominators-ERAU and a love for music. Its members include Bob Belgau (guitar, vocals), Scott Diezman (bass, keyboards, vocals), Bob Hamilton (guitar, vocals), Rob Hess (drums), Dani Johnson (saxophone, keyboards) and Dan Perrault (bass, vocals).

For the most part, the band does covers of other people's work. "We play everything from 1940s jazz to '80s metal-anything from Glen Miller to Judas Priest," said Dan.

"We really don't have time to write our own stuff because we all go to school," said Bob Hamilton. "Besides, we like to improvise on stuff that's already been written."

The band's performance Saturday night proved to be a complete success. They played three sets which lasted 40 to 45 minutes apiece. Bauchman Turner Overdrive's (BTO) "Taking Care of Business" started the first set which included numbers by the Beatles, Eddie Money, Elvis Presley, Chuck Berry and others.

As with any concert, the crowd was a bit sluggish at first, but by the first notes of "Johnny B. Goode" they had warmed considerably. Then came the second set with three sweet, sultry slow songs as well as an excellent drum solo by Rob Hess and a sensational mix of "Louie Louie" and "Wild Thing." There were problems with the sound on the third set as well as with a song call "Traces" which seemingly no one in the band knew how to play.

"Oh God, that was awful. I couldn't believe we played that song," said Dani.



Bash...
Riddle students abound at Whitehall Hotel's Summer's End Pool Party last Saturday night.

The band redeemed themselves, however, with a hot version of "Wipe Out" as well as "Stray Cat Strut," "Don't You Forget About Me" and "Livin' after Midnight." They closed the night out with requested Rush and "Working Man."

"We had fun," said Bob Belgau. "At least I did."

"It's up to the crowd as to how we did," said Bob Hamilton.

Besides the band's live performance, the evening offered the work of the band's sound technicians, Rick Gingue and Parry Patel. Between sets, these technicians played an interesting mix of music that ranged from "Welcome to the Jungle" by Guns and Roses to "Faithfully" by Journey.

The verdict on the evening as a whole? The shouts, cheers and hip gyrations of the crowd that came out said it all. They done good.

Many acts appear at 'Night of Joy'

by Joe Cambron
Diversions Editor

Last Friday and Saturday night marked Walt Disney World's annual Night of Joy concert. This nocturnal evening of rock and roll included the bands: Petra, Take 6, Rez, and Margaret Becker & the Reckoning. Other performers featured at the event included Amy Grant's fellow Tennessean and protege-Michael W. Smith as well as Phil Keaggy and Shirley Caesar.

Each band was given its own stage, and performed three or four different sets through the course of the evening. Major rides were also left open, though some restaurants and shops closed at the park's regular closing time. Lines for rides were comparatively short, and the crowds were unusually friendly.

Perhaps the best part of the experience was the ticket prices, which averaged about seven dollars less than the normally outrageous prices

charged to visitors. Unusual, considering the added attraction of live rock music to the normally benign Magic Kingdom experience.

Michael W. Smith's performance seemed to entrance the crowd, even when the musical stylings shifted gears to pseudo-rap. Crowds at the concert seemed to grow larger and larger throughout each performance until walls of people surrounded the more well-known artists for several hundred feet.

Night of Joy '88 had included the head-banging band-Stryper. This year's crowds were no less enthusiastic, if not less conservative.

The evening, which began at 8 p.m., concluded at 1 a.m. after a forty five minute performance by Petra in front of Cinderella's Castle. As park closed, crowds funneled out the self-described "second largest parking lot in the world", one wondered if Embury-Riddle held the honor of number one.

Candy stars as Buck

by Tina Matilla
Staff Writer

Only two words exist to describe the plot of Uncle Buck: "incredibly typical." Basically, the story deals with three kids, one strange uncle and one very long week for the four of them.

Typically, the main conflict occurs between Tim (Buck's fifteen-year old niece who happens to hate him "with a passion") and Buck (the unmarried, unemployed, uncouth failure of 40 years who has a heart of gold).

This is the story-line: Off-beat uncle comes to watch normal, suburban children while mommy and daddy attend to emergency. Two younger children adore Uncle while angry Teenager resents his authority. Then it is Uncle vs. Teenager in a battle of will where Uncle always wins until TA DA! Angry Teenager rebels violently and gets hurt. Uncle comes to pick up pieces of poor Teenager's life. And POOF! Uncle and Teenager

are friends. Typical.

The theme, likewise, falls under the category entitled "incredibly typical." In a nutshell, the theme was this: don't judge a person by what they have or have not accomplished, but by what they are inside.

Sound like TV sitcom stuff? It is not.

Surprisingly enough, despite the typical storyline and theme, Uncle Buck was genuinely funny. John Candy portrayed this strange, out-of-step but kind-hearted uncle as no one else could have. He presented to the audience a character who, like many of Candy's other characters, was stranger than most, and made the audience respond to him.

Besides Candy's performance, the outrageously funny and highly improbable things that happened throughout this otherwise typical movie, made this film what it could not help but be—a true comedy.

1	2	3	4	5	6	7	8	9	10	11
12				13				14		
15			16			17		18		
		19		20		21	22			
23	24	25				26		27		
28				29		30		31	32	33
34		35		36		37		38		39
40		41		42		43		44		45
		46	47	48		49				
50	51			52		53				
54			55	56		57		58	59	60
61			62	63		64				
65			66			67				

ACROSS

1 Resorts
5 Shellfish
9 Tattered cloth
12 Kilt
13 Unusual
14 Lubricate
15 Not abundant
17 Coroner: abbr.
18 Poem
19 Greek letter
21 Souvenir
23 Rash
27 Exist
28 Covered with ivy
29 Vessel
31 Condensed moisture
34 Symbol for tellurium
35 Stitch
37 Wager

39 Three-toed sloth
40 Goal
42 Crimson
44 Encounters
46 Latin conjunction
48 Scatter
50 Railroad station
53 Beer ingredient
54 Guido's high note
55 Concerning
57 Insect
61 Ventilator
62 Spoken
64 Shore bird
65 Rodent
66 Domesticated
67 Steak

DOWN

1 Distress signal
2 Moccasin
3 King of Judah
4 Hills
5 Mediterranean island
6 Sun god
7 Limb
8 Vegetable
9 Cheated
10 Assistant
11 Secluded valley
16 More frigid
20 Viper
22 River in Siberia
23 Ceremony
24 Smooth
25 Roman 101
26 Cry
30 Place of worship
32 Dines
33 Sagacious
36 Marry
38 Seesaws

41 Leave
43 Obscure
45 Teutonic deity
47 As far as
49 Valuable fur
50 Loved one
51 Lamb's pen name
52 Jog
56 Period of time
58 Make lace
59 Falsehood
60 Shade tree
63 Forenoon

Every Sunday

Catholic Masses at 10 a.m., 7 p.m., & 10 p.m.
Protestant Services at 11:15 a.m.
Spruance Hall Atrium

Break New Ground With The Classifieds

You can dig up the values a whole lot faster and easier in the Classifieds. Find fertile ground for what you're selling or what you want to buy in the fast-action Classifieds. Call us today!

239-6049

SPORTING STYLE

Clean, confident style from Seiko. With a polished gold-tone bracelet, boldly set off by a black timing bezel. Quality features include a sweep second hand and a day/date calendar. Water tested to 150 meters. Perfect for sport or dress wear. Also available in silver-tone and two-tone. Now with Seiko's 3-year warranty. Your assurance of quality, with our commitment to style.

Seiko Style

INSTANT CREDIT UP TO 12 MOS. TO PAY WITH NO FINANCE CHARGE

Bill Green

JEWELERS

Art Carved DIAMOND CENTER

Complete Jewelry, Clock & Watch Repair Service

Teenage Accounts Invited

VISA MASTERCARD AMERICAN EXPRESS CARTE BLANCHE DINERS CLUB

DOWNTOWN 134 VOLUSIA AVE 253-5807

GRAND OPENING

CASTLE ADVENTURE

GIANT MAZE NOW OPEN FOR FAMILY FUN

- ★ Challenge the multilevel maze — it's great fun for all ages.
- ★ Daily & weekly prizes awarded for best times.
- ★ Open 10 AM - 10 PM daily

MINIATURE GOLF OPENING MID SEPTEMBER

- ★ Observation decks overlooking maze
- ★ Video Games • Snack Bar • Gift Shop
- ★ REDUCED PRICE FOR CHILDREN UNDER 12

U.S. 92 Behind Carmichael's Pub Next to Volusia Mall 256-3687

BUY ONE GET ONE FREE

Buy one ticket to the Giant Maze and receive a second ticket FREE with this coupon.

BUY ONE GET ONE FREE

Buy one ticket to the Giant Maze and receive a second ticket FREE with this coupon.

BUY ONE GET ONE FREE

Buy one ticket to the Giant Maze and receive a second ticket FREE with this coupon.

G.B. REEFS GREAT BARRIER REEF PUB

600 N. Atlantic Avenue
255-4471

MONDAY NIGHT FOOTBALL

ON 8 SCREENS

SUPER SUNDAY EVERY SUNDAY

ALL 8 GAMES SHOWN
ON 8 SCREENS

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 12AM

BODY BEAUTIFUL CONTEST

\$600.00 CASH MEN/WOMEN 11AM

600 N. ATLANTIC AVE, DAYTONA BEACH
FOR MORE INFORMATION CALL 255-4471
ASK FOR STEVE OR LINDA



Calvin and Hobbes

by Bill Waterson

THE FEARLESS SPACEMAN SPIFF IS BEING PURSUED ACROSS THE GALAXY BY DREADED SCUM BEINGS!

THEY'RE GAINING! SPIFF'S ONLY CHANCE TO LOSE THEM IS TO RELEASE A GIANT SMOKE CLOUD BEHIND HIS SPACECRAFT! OUR HERO THROWS THE LEVER!

HEH HEH... JUST OH, CLAPPING THE ERASERS. HEH HEH (COUGH)

YOU AGAIN? *SIGH* I CAN'T BELIEVE IT'S NOT EVEN 8:30 YET.

WHAT A DAY

I'M HO-O-AAAH!

KAPOW!!!

THINGS GET SO DARN QUIET WHEN YOU'RE NOT AROUND

THERE'S GOING TO BE SOME RICKUS AWN, BUDDY-BOY!

IS IT? IT IS! IT'S SATURDAY! OH BOY!

NO SCHOOL! NO HOMEWORK! JUST CARTOONS AND FUN THE WHOLE DAY LONG!

KOORAY!

TURN ON THE TV! GET OUT THE CEREAL!

IT'S SAAAATURDAY!

YOU'RE GETTING UP?? IT'S BARELY LIGHT OUT!

I'M GOING TO THE OFFICE AND GET SOME SLEEP.

I want that truck, tinkly

IT'S MINE, MOE. I BROUGHT IT FROM HOME

I said gimme the truck

MOE, YOU CAN'T JUST TAKE THINGS FROM PEOPLE BECAUSE YOU'RE BIGGER!

I'm not taking it. You're giving it to me because we'll both be so much happier that way

HOW TOUCHING

MOE, GIVE ME MY TRUCK BACK. IT'S NOT YOURS.

It is now. You gave it to me

I DIDN'T HAVE MUCH CHOICE DID I?? IT WAS EITHER GIVE UP THE TRUCK OR GET PUNCHED!

So?

Yeah? So?

THE FORENSIC MARVEL HAS REDUCED MY LOGIC TO SHAMBLES.

You're saying you changed your mind about getting punched?

THAT NO-GOOD, ROTTEN MOE! HE WON'T GIVE MY TRUCK BACK TO ME. THE OAF WILL PROBABLY BREAK IT, TOO.

SHOULD I STEAL IT BACK? I KNOW STEALING IS WRONG, BUT HE STOLE IT FROM ME, AND IF I DON'T STEAL IT BACK, MOE WILL JUST KEEP IT, AND THAT'S NOT FAIR.

THEY SAY TWO WRONGS DON'T MAKE A RIGHT, BUT WHAT ARE YOU SUPPOSED TO DO THEN? JUST LET THE BIGGEST GUY MAKE HIS OWN RULES ALL THE TIME? LET MIGHT MAKE RIGHT?

... THAT SOUNDS REASONABLE.

Off the Leash

by W.B. Park

THIS RESTAURANT SAYS "TAX"

FOR RENT *Party in rooms*

"Boy, you couldn't pay me to live there!"

Let's have a round of quacks for Dudley—a duck who knows a good migratory route when he sees one.

Okay, so you weren't chosen again this year for the duck stamp—you gonna let that ruin your life?"

An unnatural calm descended upon the sea... then suddenly the still was shattered by... Moby Minnow!

Furious at being flattened by bicycle tires, the ants got even.

Mister Boffo

by Joe Martin

THE WHITE-COLLAR CRIMINAL AND WHY THEY HAVE SO MUCH DIFFICULTY ADAPTING

BUNK BEDS IN MY BATHROOM!

IF GIVEN YOU WILL HAVE EACH OF OUR DIVISIONS HERE!

THE REACH THAT CHANGED THE COURSE OF HISTORY

JUST AGE MEANS TO ME...

TALK ABOUT WRITING YOURSELF INTO A OCCIDER!

Mother Goose and Grimm by Mike Peters

I DON'T BELIEVE THIS SHE'S TRING ME UP TO A TREE, NO TRIAL... NO JURY... SHE DIDN'T EVEN READ ME MY RIGHTS...

AREN'T I ALLOWED TO HAVE A LAWYER? IS THIS FAIR? IS THIS CONSTITUTIONAL?

DOES TED KOPPEL KNOW ABOUT THIS?!!

DON'T LOOK AT ME LIKE THAT, GRIMMY, I'VE GOT TO TIE YOU UP BECAUSE YOU ALWAYS RUN AWAY...

NO! I DON'T, I PROMISE... I'VE GROWN OUT OF THAT, I LOVE IT HERE... REALLY, I WON'T RUN AWAY... TRUST ME, RELATIONSHIP IS BASED ON TRUST...

OKAY CHAY? TRUST YOU, STAY THERE AND I'LL BRING OUT YOUR WATER.

ZING!!!

WHAT'S WRONG? YOU LOOK UPSET.

SH, GRIMMY GOT OUT THIS MORNING AND I THINK HE MIGHT BE LOST.

DON'T WORRY, MOST DOGS STAY WITHIN A ONE BLOCK AREA OF THEIR HOME... HE WON'T GO FAR.

CHINA.

AIR

Notices

Self hypnosis for a "change"

Learn how to use self hypnotic techniques to build your ego, improve study habits, eliminate negative habits, solve problems, develop positive habits, explore your inner self and much more. The self hypnosis group will meet for five two-hour sessions during the weeks of Sept. 18-Oct. 16.

The group size is limited. Interested persons need to make an appointment, to discuss the group, in the Counseling Center, during the week of Sept. 11-Sept. 15.

Self-management and motivation

Tuesday, Sept. 26, from 1:30-2:30 pm in Room 157A / Jack R. Hunt Library. Learn how to manage your time so that you can relax without guilt. Also learn how to get going when your get-up has gone and went.

Psychology of relationships offered

SS395E, the Psychology of Intimate Relationships, will be offered again this fall at ERAU. This upper-level course applies social, behavioral, psychoanalytic, cognitive and humanistic psychology to the understanding of love relationships in contemporary society.

The twin goals of this class are to build up advanced knowledge of psychology and to make it personally relevant to each participant. In order to combine academic knowledge and practical training for successful intimate relationships, the course makes use of an optional training lab in addition to the learning tools of lecture, discussion, papers, tests and journal keeping. The instructor is Dr. Norman Brown of the Humanities Department who has been a licensed marriage therapist for fifteen years.

The course fulfills the university requirement for an upper division social science elective. It meets on Tuesdays and Thursdays from noon to 1:15 pm and is followed immediately by the training lab.

Come to our activities fair!

The Department of Student Activities will sponsor its ACTIVITIES FAIR (formerly known as C & O Day), in the University Center on Sept. 20, from 9 am - 4 pm.

Clubs will be set up to promote membership. We should all be having some fun because this year's fair has a theme - the board game, "Monopoly".

Organizations will give students who obtain club information from their booths \$20 in "Monopoly" money. When students collect \$100 in "Monopoly" money, they can turn it in to be eligible for giveaway prizes which will be stored in the "Community Chest".

Some clubs may also perform demos throughout the day. Free popcorn will be available while it lasts. Get involved and join a club! Take a chance!

Attention December grads!

If you are interested in running for Senior Class President or Vice-President, schedule an appointment with Laurie Ranfos, Senior Class Advisor, by Friday, Oct. 6. The first meeting for December graduation is scheduled in the University Center at 8 pm on Wednesday, Oct. 11. Elections will be held at that time.

Also, if you are interested being on the Senior Council, you may sign up in Student Activities upon your return, or you may wait and sign up at the meeting on Oct. 11.

This group is responsible for securing discounts for the December Graduates' guests, finding a location for the class party, raising funds for a class project and more.

Blood testing

The Sickle Cell Association will hold a screening for sickle cell anemia on Tuesday, September 19 at the Flight Deck of the U.C. The screenings will be available between 10 am and 12 pm to all Embry-Riddle students.

Meteorology speaker

Jim Clark, the WESH-TV network meteorologist will be coming to ERAU this Wednesday. Alumni Relations is sponsoring his appearance at this school. You can catch Jim Clark at 8:00 p.m. this Wednesday in the U.C.

Creative writers wanted

Many students are interested in creative writing. If you enjoy poetry or stories, do artwork or photography, then the staff of Creations would like you to join the staff. Creations is "The work of the students, for the students, and produced by the students." If you are interested, contact Jackie Berg at ext. 6652 (room A-230) or Jon Osterholm 788-8902 (box 5998).

Tutoring available!

Anyone can receive free tutoring in Mathematics and the Physical Sciences who needs it. Tutoring is available Monday thru Friday in Room A-106 between 10:30 a.m. and 5:30 p.m. Specialty courses include MA105, 111, 112, 120, 140, 141, 220, 241, PS101, 103, 104, 110, 201.

Bicycle security

Pay \$17.50 and lease a Master Crimefighter 50 U-lock for your bicycle from ERAU's Safety Department. The locks can be leased for as long as a lease-signer so desires and the money will be

refunded as soon as the lock has been turned in. Take advantage of the Safety Department's first effort in the war against bicycle theft.

FAA tests scheduled

Embry-Riddle Aeronautical University will administer FAA Pilot and/or Instructor Written Examinations for the following:

	Maximum Number of Questions/Times Allowed
1. (PA) Private Pilot-Airplane	50/6 hrs.
2. (CA) Commercial Pilot-Airplane	100/5 hrs.
3. (FIA) Flight Instr.-Airplane	100/6 hrs.
4. (FOI) Fundamentals of Instr.	50/4 hrs.
5. (BGI) Ground Instr.-Basic	100/6 hrs.
6. (AGI) Ground Instr.-Advanced	100/6 hrs.
7. (ATP 121) Airline Transp. Pilot-Airplane	100/6 hrs.
8. (AD) Aircraft Dispatcher	100/6 hrs.
9. (ATA 135) Airline Transp. Pilot-Airplane	100/6 hrs.
10. (IRA) Instrument Rating-Airplane	60/6 hrs.
11. (FI) Flight Instructor-Instrument-Airplane	50/6 hrs.
12. (IGI) Ground Instructor-Instrument	50/6 hrs.
13. (FEB) Flight Engineer-Basic	50/6 hrs.
14. (FEJ) Flight Engineer-Turbojet-727	50/6 hrs.

Date	Time	Place
September 8, 15, 22	Friday, 0900	A-111
September 30	Saturday, 0900	H-113, GRW Complex

Students intending to take an FAA Pilot Written Examination are required to sign up in Office D-200 or call extension 6800 prior to examination day.

At the time of the examination, each student must PRESENT A RECEIPT for the pilot exam fee, validated by the Cashier's Office; a WRITTEN AUTHORIZATION FORM signed by an appropriate AERONAUTICAL SCIENCE DEPARTMENT GROUND INSTRUCTOR, or the failed results of a PREVIOUS FAA WRITTEN EXAMINATION, and present as PERSONAL IDENTIFICATION an Airman Certificate, driver's license, or other official document.

Explanation of appropriate forms and procedures will be given. Immediately thereafter, testing will commence and UNLESS PRIOR ARRANGEMENTS HAVE BEEN MADE, LATE EXAMINEES WILL NOT BE PERMITTED TO ENTER THE EXAMINING AREA WHILE TESTING IS IN PROGRESS.

BRUCE'S BUDGET
WATERBEDS GUN & PAWN
 330 S. Yonge St. • U.S. 1 • Ormond Beach
672-5363

SAN DIEGO JR. BOOKCASE \$149.99

SAN CARLOS \$219.99

SAN JUAN \$130.99

Heaters \$17.50
 Free Flow Mattress \$21.70
 Waveless Mattress \$79.90
 Semi-Wave Mattress \$43.70

All Prices Include Complete Beds - Which is Pedestal, Deck, Heater, Liner, Free Flow Mattress, Frame and Headboard

4 POSTER BED \$259.99

LADY \$274.99

\$899 Complete

FREE MATTRESS PAD
 WITH ANY WATERBED PURCHASE
 \$29 Value • Expires 9-5-89

FREE LAYAWAY FOR CHRISTMAS
 NO INTEREST FOR 90 DAYS TO QUALIFIED BUYERS
 VISA • MASTERCARD • DISCOVER

Their way

Our way

FINISH

FINISH

You can save literally days of work between now and graduation. Simply by using an HP calculator. To keep you from endlessly retracing your steps, ours have built-in shortcuts. Such as the unique HP Solve function for creating your own formulas. Menus, labels and prompts. Program libraries. Algebraic or RPN models.

Better algorithms and chip design help you finish much faster and more accurately than their way. So, whether you're in engineering, business, finance, life or social sciences, we've got the best calculator for you. For as little as \$49.95. Check it out at your campus bookstore or HP retailer.

There is a better way.

hp HEWLETT PACKARD

© 1989 Hewlett-Packard Company P010005

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

Tonight, ERAU Night at 701



Show your school spirit

WEDNESDAY

ERAU NIGHT!

LADIES FREE ADMISSION 9-10 pm
LADIES DRINK FREE 9-12 pm
GUYS-\$1.00 DRINKS 9-11 pm
75 CENT BUD DRAFTS 11pm TIL CLOSING

WET T-SHIRT CONTEST WITH
\$150.00
CASH PRIZE!

THURSDAY

METROPOLIS!

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

IT'S A FULL MOON
TONIGHT!

FRIDAY

FULL MOON I-100 PARTY!

\$1.00 DRINKS 9-11 pm

MALE & FEMALE
BEST BUNS CONTEST
WITH
\$150.00
CASH PRIZE!!

SATURDAY

**FULL MOON
I-100 PARTY!**

\$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!**

MONDAY

**MIDNIGHT
BUFFET**

FREE DRINKS 9-12 pm

WATCH FOR SOMETHING
SPECIAL EACH MONDAY

TUESDAY

**SUNDAY BLOODY
TUESDAY!**

FOR THOSE WHO
DIDN'T GET ENOUGH
ON SUNDAY!