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The Award-Winning Newspaper of College Aviation

Electrical Engineering

Lab provides comfort and practicality



Professor Novy is shown here explaining the operating procedures for using some of the equipment in the new electrical engineering lab located in a new room on the second floor of the engineering building

By Bo Aiksinis
Avion Layout Editor

The new electrical engineering lab is now completed and fully operational. The lab, located in the engineering building, was first conceived about a year and a half ago to alleviate the problems of sharing the avionics electrical lab.

Plans for the new room were drawn up last spring and construction began during the summer term. Most of the work was done in house by Embry-Riddle employees.

The new lab is a pet project of Mr. Novy, an assistant professor in the engineering department. He along with Provost Fidel, Dean Lippold, Dr. Curtis, chairman of the Aeronautical Engineering program and Don Bouvier, shop Foreman, made this lab a reality. All of them worked together to

produce a functional laboratory with the resources available.

The lab can accommodate 20 students at 10 stations. Each station has a Tektronics oscilloscope, a Fluke frequency counter, an HP Hewlett Packard function generator, a Zenith power supply, a digital and analog meter and a set of assorted components. All on top of the line equipment and similar to those encountered when working in industry. The estimated cost of each station is approximately \$2,000.

The lab room also has the capacity to make printed circuit boards to test electrical components for actual values of capacitance or inductance and to teach computer science students the workings of microprocessors.

Calibration equipment is in the future budget. This will keep the instruments up to par. Although

no service agreement was obtained for the new equipment, it is warranted. The school has the expertise on the staff of fix any breakdowns.

The lab was designed to be functional, comfortable and cost effective. The benches and swivel seats in the lab were custom made, which proved to be cheaper than purchasing ready made items. The benches were also installed so the chalkboard would be easily visible to everyone and so that everything would be readily accessible. To create a quiet atmosphere, so that working conditions would be favorable, wall to wall carpeting was installed. This also serves to soundproof the room from the shaver lab below.

The new lab is by far the most modern on campus. When asked about his impression of the new lab Mr. Novy stated, "It's working

out excellent. Everything I expected it to be." This was backed up by students presently enrolled in the electrical engineering lab course. John Ladd, a senior in the engineering program, explained, "It gives me a feeling of professionalism

When asked about the future, Mr. Novy mentioned that the Avionics department was interested in using the new lab in the spring term. He also hinted that there was talk of opening avionics engineering and technology courses, since new aircraft are relying more and more on electrical controls.

Industry is phasing out hydraulic systems and going to electrical controls. This shows up in the fact that close to 50 percent of the cost of a new aircraft is for electrical components.

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Preliminary LRC requirements to be presented soon

By Louis M. Kady
Avion News Editor

"When is the university going to construct a new library?" is a common concern among the ranks of Embry-Riddle students at the Daytona Beach campus.

According to Mrs. Judy Luther Learning Resource Center Director and member of the LRC Advisory Committee, preliminary requirements for a new LRC on E-RAU's main campus are being documented and will be presented to January 1983. Completed drawings

by architects are targeted for this summer.

When asked if the actual construction date is known at this time, Luther replied, "The construction date will be determined by the fund raising." She noted a substantial amount of funds are to be generated from various donors adding "There are a lot of uncommitted funds at this point."

Luther discussed the activities of the LRC Advisory Committee to date from the time of their first meeting on November 1. She explained how the committee, consisting of a "cross section" of

faculty, staff and students was formed by Campus Provost John Fidel to outline preliminary requirements for the future LRC.

Prior to Thanksgiving, various members of the committee and LRC staff toured libraries at other universities. These universities included the Florida Institute of Technology, Valencia Community College, Brevard Community College and the University of North Florida. Luther said these universities were very willing to give ideas and discuss pitfalls encountered

She added that these visits were "Mainly to help us be creative and learn from their experience."

On November 29, the committee met once more at Daytona Beach Community College after a tour of the college's new expanded facility. Luther said at this meeting a Building Program was distributed to the committee members for their review. She explained that the Building Program is a lengthy document generated by the LRC staff. This includes specifications for all functional areas and physical requirements such as

shelving and furniture. It also includes special requirements such as communications, lighting, acoustics, security, climate controls, etc.

Continuing on, Luther discussed the proposed features of the new LRC. She noted that her basic philosophy does not emphasize the collections aspect of the LRC as a "library." "This is going to be an activity oriented information center," professed Luther.

As to the location of the LRC, Luther made known it will be located on a portion of the existing main parking lot. She expanded upon the mall concept where other buildings may be collocated with the LRC along with a series of connecting walkways. "This building will serve to unify the campus," proposed Luther. She noted how the campus appears to be divided by the main parking lot.

Luther had a very favorable outlook upon this new activity center. "I have not seen another building designed like the one we're going to plan," declared Luther.

Continuing, Luther granted this LRC will accommodate up to 1000 students at one time with ample "user space" which is adequate to handle a student body of 5000 students. "Since a significant portion of materials cannot be checked out, there will be adequate See LRC, page 9

Housing hires new resident coordinator

By Max Cornau

As of December 1, the Embry-Riddle housing department has three Resident Life Coordinators [RLC]. Since the last RLC left during the summer, the housing staff has been at less than full strength. Brian Crocefoglia has been hired to fill the void left by the last coordinator.

In the overall operations of Housing, the RLC acts overseas each specific living complex, however, since each RLC is in charge of a complex and E-RAU

the off campus coordinator my married life is much more pleasant."

As far as Crocefoglia's education is concerned, the new coordinator commented, "My undergraduate work was done at Pennsylvania State where I majored in Criminology." When questioned as to what Criminology has to do with his present pursuit, student personnel, Crocefoglia answered, "It [criminology] really has very little to do with student personnel. When I began the Criminology program I set out to be a state trooper, however, after my first internship I found that no one appreciated me or the job I was doing." Crocefoglia explained that he has always been people oriented so, as a result, he remained in a human services field to pursue his masters in Student Personnel at Indiana University in Pennsylvania.

Previous employment consists of a position at Mt. Abolousious Jr. College, where Crocefoglia was Assistant Director of Student Activities. Also, Crocefoglia served as a Resident Director while at Mt. Abolousious, a position similar to the one he presently holds at Embry-Riddle.



maintains four such living quarters, there was a shortage of these staff personnel. In the hierarchy of the Housing administration the RLC is the direct supervisor of the Resident Advisors, while he comes under the direction of the Residence Life Operations Director.

Brian Crocefoglia, Housing's newest staff member is presently in charge of off campus Apartment Complex 2. When questioned as to why the position at E-RAU appealed to him, Crocefoglia replied, "A job at Embry-Riddle seems to be a good opportunity. E-RAU is a growing private institution at a time when most small schools are doing poorly." Crocefoglia furthered, "Another influence on my decision was the position itself, as

E-RAU currently subscribes to Weather teletype service

By Rob Dixon

Avion Advertising Manager

The National Weather Service is in the process of phasing out its teletype network. WESH channel 2 and Embry-Riddle are the only places in Daytona Beach that still subscribe to the teletype system.

According to Jean Johnson Embry-Riddle is considering 2 alternatives. The first alternative is using the same system that is used by Eastern Airlines in Miami. The cost of this Computer System would be \$495 per month. The second alternative is to subscribe to

Weather Service International.

This system would cost the school \$300 per year. Johnson said that WESH has purchased the WSI. She further stated that "is a very good system but very expensive. WSI gave Embry-Riddle a trial run on its 800 tie-in telephone number. A number which would cost the university \$30 per minute.

The flight department which will ultimately pay for one of the systems is leaning toward the Miami line. An Apple computer costing less than \$5,000 can be used to receive data transmitted

through Miami. Remote terminals at the flight desk can get information from the Computer and can receive PQ information. This enables the flight desk to automatically weather flights that are below the PQ number. Other remotes can be used in the meteorology classes for teaching aids. It can also be used by instructors who want an instant weather check.

The changeover will begin in January 1983, when the teletype See NWS, page 14

Due to technical problems beyond our control this issue of the Avion has been delayed. We regret any inconvenience this might have caused. Have a happy holiday!



The Piper Seneca shown on Embry-Riddle's Flight Line last Wednesday December 8. The aircraft was flown to Daytona Beach courtesy of Piper Aircraft for purpose of evaluation by flight

ddepartment administrators; they are continually evaluating general aviation aircraft to find better trainers for flight student (Photo by Lou Kady)

Editorial

Guest Editorial

Computer Science program growing

One of the most exciting programs here at Embry-Riddle is Computer Science. The degree programs offered at Daytona Beach campus are the Bachelor of Science in Computer Science with Aviation Applications and the Associate in Science in Aviation Computer Programming.

In terms of growth, Computer Science majors have grown in numbers from 26 in Fall 1981 to 216 Fall 1982. Part of that growth can be attributed to developments in our society. In all areas: office, production line, retail customer service desk, banks... in all walks of life computer applications can be seen. In the aviation industry, as a leader in technological innovation, computerization is evident wherever you turn.

It is this excitement that makes all of us in the College of Engineering and Aviation Science pleased to see growing interest on the part of students.

With the newly approved Computer Science curriculum going formally into effect in the Fall 1983 trimester (with planning toward that change already happening in student advising seminars) - with the growth of the computer lab facilities - with the feasibility study now under way for use of microcomputers in selected courses - with more and more students getting immediate positions in industry... all these indications are signs of the vitality of the program.

Recently released statistics ranked Florida and Texas as the fastest growing states in the nation. E-RAU is in the new high technology triangle of Orlando, Cape Kennedy and Daytona Beach. Several large aviation corporations have visited our campus in the last month to set up computer science projects with our students. These arrangements will be for actual computer problems that can be introduced into current classes and larger projects for advanced Computer Science students.

The Computer Science program is growing because of the demand for skills and knowledge in the computer, information processing and telecommunication fields of aviation far outstrip the supply. E-RAU has a strong program and it will grow in strength and versatility, of that I am sure.

I am proud to have a dedicated faculty and a growing number of eager students working in this exciting field here at Daytona Beach.

President's corner

Yearbook pictures for seniors, faculty, and staff were taken on October 8th. If you want a 1982-83 Phoenix yearbook you can order one until December 18th in the S.G.A. office for \$5. If you are a senior and will not be here for the Fall, you can have it mailed to you for an extra \$5.00.

The WERU ad-hoc committee has reported; before a final presentation can be made, a frequency search must be made to determine interference problems, if any. This will cost \$750 and is being included in S.A.C.'s Spring trimester budget.

Postal service will soon be discontinued at the Pine Lakes Apartment Complex. So, notify those people you need to if this applies to you. Missing Persons will play on January 8, 1983. Tickets will be given on a first-come, first-serve basis on the 6th, 7th, and possibly the 8th. Tickets are required for entry. 1000 people maximum will be allowed due to the U.C. size and liability.

There are two Student Government Association Representative seats open for appointment. All interested persons may fill out applications in the S.G.A. office. Appointments will be made in January.

See DINO, page 3



Letters

Bad research

To the Editor:
I enjoyed reading the editorial in the last issue of the Avion. It was factual and well presented. You looked at the University and its solvency. The facts you presented to support your view were factual and correct. But I question the research from which you ask, "Methods of increasing enrollment are presently overlooked," and then cite advertising.

As a student assistant for Marketing, I could not disagree more. I know the efforts of this department and a simple phone call would have answered what I consider to be an emotional question about advertising. I'd like to propose two answers about your questioning a 5 inch by 4 inch ad in Flying magazine. First, look at the high school student who aspires to fly and spends time at the local airport. He reads Flying magazine, sees the E-RAU advertisement, and has his first question about college answered; where can I go to pursue an aviation oriented degree?

A second example - a general one - may be anyone who reads the advertisement will know that we are the world's acknowledged leader in aviation higher education. But to me the best advertisement is a productive and achievement oriented E-RAU graduate who goes on to be a leader in the aviation industry. I fully realize that an editorial is an opinion. It will generate

response. But it's done at the expense of an emotional and improperly researched expression. I question the ability of your writers to effectively manage a space put aside for editorials.

Tony Pinto
Box 7276

Instructors praised

To the Editor:
As the trimester comes to an end, I would like to express my appreciation to the experience and guidance of two faculty advisors.

As president of the L-5 Aerospace Society here on campus, I would first like to thank Mr. William Brown, a Management/Computer instructor, for all of his wise suggestions concerning our club. Mr. Brown has helped the society grow and become more and more structured. He has not forced his opinion upon us, yet he has offered very sound, practical advice when asked for. He is very enthused in student interaction with the university, and his co-existence presence has been a vote of confidence for all of us.

Also, as a member of the Avion staff and the Society for Collegiate Journalists, I would like to give thanks for another brilliant faculty advisor, Dr. J. Roger Osterholm. Like Mr. Brown, Dr. Osterholm does not force his hand with the Avion or SCJ, and I suspect that he is sometimes criticized for this. He lets the students run this free newspaper because he has confidence in our performance. This does not mean that he is lazy. In

fact, his consistent professional advice and critiques constantly inspire the members of both organizations.

If it wasn't for Dr. Osterholm's presence during the ACP-NCCPA College Press Convention in St. Louis last month, the students that attended would not have been able to participate. This is just one example of his willingness to help us. Dr. Osterholm has a Ph.D. in Journalism, and his experience is matched only by his love for the Avion.

Jeff Guzzetti
Box F214

This would be a justified measure to counteract them. Because only a few undisciplined people roaming around our campus would create havoc. There's an epigram: "The loss of a group can be the cause of one undisciplined individual".

Herb Chua
Box 1195

Rude show

To the Editor:
I have just returned from the Orlando showing of The Who and have come away totally disgusted. Although there were highs, the lows were dominant throughout the day. The mostly Central Florida Crowd was by far the rudest I have seen in my 10 years of concert going. While Joan Jett almost got through her set before being booted off the stage, The B-52's were pelted with flying objects (cups, shoes, fridges) from the start. They only played 20 minutes of their allotted hour. On top of that some people dancing to the B-52's were actually assailed by the crowd. If the people had not wanted to listen to the warm-up bands, then they should not have come until later in the day. The crowd also had very little knowledge of apparently the whole idea they came to see, The Who. Although Peter, Roger, John, and Kenny performed as only they can, how can anybody put his heart into what he is playing after both of the opening acts (which The Who invited) had been so rudely treated. It sickens me to think that possibly the last time I will ever see The Who was scarred by the utter disrespect of the Orlando fans. I can't blame any group if they never want to come to Central Florida to perform again.

Hank Allan
Box 5365

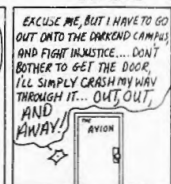
LRC vandals

To the Editor:
I was disgusted when I went to our LRC to read a copy of this month's Popular Mechanics, and found out that several pages were torn out. Many others are, but I've never even had a chance to read last month's issue because the whole issue was stolen right from the rack. In fact many other literatures were stolen or vandalized.

Couldn't you people be more considerate? If you really want a copy, why not use the copy machine inside the LRC. Fortunately, we don't have many people in this world like you. If we do, nuclear conflagration might have started earlier.

I think our school administration should set harsher rules to control those thieves and vandals. I recommend expulsion from school without any second chance.

Klyde Morris



Homeowners receive interest tax breaks



K'in ya hear me
 HOMEBUYERS' BREAK: The IRS has just ruled that homebuyers are entitled to annual interest deductions even if they financed the deal with a zero interest mortgage (a mortgage for which no interest will be charged). IRS Reason: The tax law says that if an installment loan doesn't carry at least 9 percent, the IRS can assume that interest is 10 percent built into the financing.

LATER THAN NEVER: Next year, taxpayers who file for automatic extensions will have four months, rather than the present two, to get their returns in. Returns won't be due until August 15th for taxpayers who file for automatic extensions on IRS form 4868.

BAD BACKS: Both the taxpayer and his wife had back trouble. Their doctor advised them not to shovel snow but to buy a tractor with a snowblower attached. The couple deducted the cost of the tractor as a medical-expense deduction. Court's decision: The tractor was a non-deductible personal expense. The taxpayers could not prove that they would not have bought it anyway.

SUICIDE IS THE THIRD LEADING CAUSE OF DEATH FOR 15- TO 24-YEAR OLDS: First cause is accidents;

homicides are second.) Why there is such a high suicide rate. Many youngsters are not able to handle the pressures of society. Most Susceptible: Those in middle-and-upper-income families. These youngsters are under heavy pressure to do well in school as well as to have a busy extracurricular life. Note: Girls are more likely to attempt suicide than boys.

Warning Signs: About three-quarters of those who try mention it before hand. Most attempts are planned ahead. Giveaway: A sudden euphoria after a spell of gloom. This can mean the child has decided to take the step.

WARRANTLESS SEARCHES OF AUTOMOBILES BY POLICE HAVE BEEN LEGAL SINCE 1925 AS LONG AS THERE WAS PROBABLE CAUSE TO BELIEVE THAT THE CAR CONTAINED EVIDENCE OF ILLEGAL ACTIVITIES: However, the right to open suitcases or packages in the car as part of the search has been unclear. The Supreme Court just ruled that police can look into such containers if there is probable cause to believe that the objects of their search might be inside. Police may open a suitcase when tracking down illegal aliens.

CARELESS LOVE: "Don't worry. My doctor says I'm sterile, so you can't get pregnant." He waited... and she did. After an abortion, Alice sued Bill for fraudulent misrepresentation. The court found Bill believed what he said. Nevertheless, he was responsible for the false statement, and Alice could recover the cost of the abortion, her lost wages, and damages for the pain and suffering of the operation. But no damages for the

breakup of the romance, said the judge.

BEST EXERCISER: The stationary bicycle is safe, aerobic and noncompetitive. You can ride it rain or shine, and because you work out continuously without pauses, you can work off more calories per minute than in a stop-and-start sport. Worst exerciser: The abdominal wheel. You grasp the wheel with your hands and can strain your lower back or stomach muscles, and it uses very few calories in the effort.

HEALTH PROGRAMS WORK: Seventy-three male and female employees at Xerox Corporation joined a 14-week health and fitness program. They exercised as often as they liked, using cycling, etc., to raise their heart rates to a target level for 20-minute sessions. At the end of the study, significant improvements were found in the subjects' self-image, anxiety level, heart rate, triglyceride and cholesterol levels and oxygen intake.

OPERATION DOUBLE-CHECK: Before undergoing elective surgery, get a second opinion. To locate another specialist, consult your state medical society or a local medical school, or call the Second Opinion Hotline TOLL-FREE, (800) 638-6833.

PSYCHING YOURSELF FOR A BIG POINT ON THE TENNIS COURT MEANS EXERCISING A NORMAL PSYCHOLOGICAL MECHANISM: The adrenaline response. When adrenaline is pumped into our systems, we are stronger, faster and quicker for a brief period. How to trigger the responses: Open your eyes wide and fix them on a nearby object. Breathe deeply and forcefully,

Think of yourself as powerful, aggressive individual. Exhort yourself with phrases like "Fight! Try to raise goose bumps on your skin— they signal a high point. Note: Save this response for a moment toward the end of the match. Psyching yourself too often will leave you drained.

FRUIT JUICE CAN BE HAZAROUS: The average American consumes an equivalent of more than five teaspoonfuls of sugar—40 percent more sugar than a chocolate bar and more sugar per ounce than cola. Blood-sugar-sensitive types who experience a temporary lull from sugar followed by fatigue should be cautious about fruit juice intake. **RECOMMENDED:** Eat a whole apple or orange instead of drinking juice. The fiber dilutes the sugar impact. Alternative: Eat cheese, nuts or other protein with juice.

KITES: Do-it-yourself instructions for making and flying all kinds are in Kites, Aussie Style, \$8.49. Wayne Hosking, 411 Beech Avenue, Mt. Pleasant, MI 48858.

CAN AN ILLEGITIMATE CHILD INHERIT FROM ITS FATHER, OR VICE VERSA? Laws which restrict such paternal inheritance have come under constitutional attack in recent years. The U.S. Supreme Court struck down an Illinois law which allowed a child born out of wedlock to inherit only from the mother. But it also said New York could require a judicial determination of paternity before the father's death. Louisiana knocked out a bar to an illegitimate child inheriting from a father who leaves a spouse or legitimate kin. But Virginia upheld a ban on the father's kin inheriting from the child.

The Science Corner

by Jeff Guzzetti and Woody Kennedy

Space Shuttle Update

The Shuttle Transportation System is scheduled for no earlier than January 24, 1983. This will be the first flight of the Columbia, the second of four space shuttles. The Columbia will take a rest for the next three missions. The payload to be carried on STS-6 will be the first of NASA's two Tracking and Data Relay Satellites (TDRS).

- Did you know that...**
- The human heart beats some 8 billion times during an average life span of 72 years.
 - The mass of the sun is 300,000 times that of the earth.
 - A neutron star, a small, collapsed object that remains after a supernova explosion, consists of material so dense, that a thumbnail would weigh 100 million tons!
 - Isaac Newton, while attempting to solve the mystery of free-fall and gravity, invented calculus.

This week's question:
 What is the name of our moon?
 Answer: *Actually, earth's moon has no official name. Some call it Luna or Moon, but no designated name has ever been given to it like that of the other moons in our solar system.*

X-rated video games now available

Scoring has taken on a different meaning in video games lately. There was the time when a high score was earned by shooting all the alien ships or chomping through a maze of dots. But now things have changed, for scoring has become something like running the bases on a first date with the action taking place on a television screen rather than the backseat of a car.

The names of the new video game cartridges, or "software," don't reveal very much about their content. "Bachelor Party," "Custer's Revenge" and "Beat 'Em and Eat 'Em" are a few of the early entries into this rapidly expanding market. And just as X-rated videocassettes became big in that industry, "for adults only" game cartridges are sure to make a dent in the home video game field.

Supporters of the X-rated games say sales should soar high like the X-rated taped movies have done. With a retail price of \$49.95 each,

the maker of the games, American Multiple Industries, stands a good chance of reaching its first year sales goal of \$1.3 billion.

AMI's entrepreneurial spirit is not without its detractors, however. The big boys in the business, Atari, are not happy and are filing suit to prevent AMI from marketing the games. Atari spokesman says the company doesn't want the public to confuse the adult games with their own. They say AMI's campaign promotes compatibility with Atari computer systems and this will lead some people to think that Atari has something to do with making pornographic video game cartridges.

A spokesman for American Multiple says the games are just meant for a change of pace and to provide fun through cheap sexual jokes. AMI says the games are not meant to offend anybody and they would wonder about anyone who did get turned on by the action on the screen.

CROSS WORD PUZZLE

FROM COLLEGE PRESS SERVICE

| | | | | | |
|--------------------|----------------|---------------------|-----------------|---------------|----------------------|
| 1 Band | 3 Discovers | 5 Soda | 4 Brown, as | 7 Entertain | 48 Pirouette |
| 8 Arms box | 5 Freud | 12 100 | 5 Vessel | 38 Apportion | 47 Changes the color |
| 13 Money of | 6 Conjunction | 14 Spanish city | 7 Soft-leaf | 42 Model | 43 Puppen |
| 15 Meat | 8 Birch tree | 19 Lin | 9 Bay back | 43 Halt | 50 Drunkard |
| 23 Father | 10 Certain | 21 Sicilian volcano | 11 Hasty fellow | 44 Based clay | 53 Diphthong |
| 24 Mad's home | 12 Ditch | 23 Vacationer's | 16 Diapatch | | |
| 25 British process | 18 Far East | 32 Vacationer's | 22 Passageway | | |
| 26 Out | 22 Pastel | 33 Hours of scale | 23 Tarp | | |
| 31 Office holder | 24 Menu item | 35 Wide-wide | 37 Heats allow | | |
| 32 Vacationer's | 25 Picnic past | 36 Worldwide | | | |
| 33 Hours of scale | 27 Simon | 37 Worldwide | | | |
| 35 Wide-wide | 28 Olio song | 41 Put-in-Bay's | | | |
| 36 Worldwide | 30 Marry | 43 Bog down | | | |
| 37 Worldwide | 31 Lovers | 44 Moved by | | | |
| 38 Crimon | 32 Competent | 45 Names | | | |
| 39 Famous Ruhl | 33 Passageway | 50 Unsmiling | | | |
| 41 Put-in-Bay's | 37 Heats allow | 51 Dairy case | | | |
| 43 Bog down | | 52 Also | | | |
| 44 Moved by | | 53 Nuisance | | | |
| 45 Names | | 54 Still | | | |
| 50 Unsmiling | | 57 Camera part | | | |
| 51 Dairy case | | DOWN | | | |
| 52 Also | | 1 Young | | | |
| 53 Nuisance | | 2 Genius of | | | |

See Answers, page 5

DINO

There will be a student book exchange on January 5, 6, and 7, 1983 in front of the pub area in the U.C. from 10 a.m. to 3 p.m. This book exchange will be left up to the students. The guideline areas are as follows: a 3x5 index card with your name, box number, course in which the book is used (only current books will be exchanged), and price wanted. A member from the "Student

Speakers Bureau" will mediate transactions and answer questions. Student book buy-back will be December 13th-16th. You may want to reconsider selling your books back to the bookstore if you feel you can get a better price at the book exchange in January.

I will be travelling north around Boston at Christmas, hopeful to do some skiing. All the members of the S.G.A. and myself wish

you, faculty, staff, and administrators the very best during the holidays. You may want to bring a new ERAU catalog home with you and give it to your past high school or friends to look at, as you are the best representation of our school has. Have a merry Christmas and a happy New Year. Dino Santeusiano, Jr. S.G.A. President

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Story of Mohandas Gandhi is vividly retold

By Max Corneau
Avion Staff Reporter

Friday, December 3, saw nationwide release of one of this year's most powerful and thought-provoking films, Gandhi.

Gandhi, as the name implies, tells the story of the man who would eventually bring about India's freedom.

Unfortunatly, today few films truly impact the lives of audiences, let alone entire governments. Gandhi had done.

With Gandhi, we have a film which received financial support and approval from not only the Indian government, but also the British. The situation which has arisen is indeed a unique one in that Britain as well as India cooperated in retelling the bloody, often cruel story of India's fight for independence.

As far as Mohandas K. Gandhi is concerned, the film takes over three hours to describe the man's life, which is enough. So dynamic, in fact was the Mahatma that upon reading his biography in 1962, the film's producer, Sir Richard Attenborough committed his career to making a film retelling the freedom fighter's story.

Though the cast is predominated by American or English names the true stars of the film are Ben Kingsley, who plays the role of Gandhi, and Ian Charleson who portrays Gandhi's lifelong missionary friend Charlie Andrews.

Literally, Gandhi hails a cast of thousands. The scene shot for the Mahatma's funeral procession entailed 300,000 Indian citizens. The largest single scene cast in cinematic history. One word of caution for fans of Candice Bergen, though she receives relative top billing, the lady is on screen for no more than 15 minutes.

three hours. Bergen portrays Margaret Bourke-White, the American film journalist assigned to photograph Gandhi. In real life, Bourke-White was with Gandhi only moments before an assassin bullet found its mark.

As far as the film itself is concerned, Gandhi opens in Madras, India, with the bloody, gruesome assassination scene immediately overwhelming the audience. From this point on Gandhi maintains its fevered pitch. Gradually things happen to the young Indian lawyer who attempts to set up legal practice in South Africa.

To the audience it appears that Gandhi is Sir Richard's labor of love. In reality, the producer met with angry snipes from many political quarters during production. Fortunately, he persisted, as a result, the final product is well worth watching.

Background on the life of Mohandas, Gandhi makes for greater ease while viewing the film.

See GHANDI, page 5



Ben Kingsley portrays Mohandas Gandhi in the newly released international drama.

Steppen out.

By John Scribner
Avion Staff Barhound

After a few cold pitchers at the Aku Tiki last week, a couple of friends and I found ourselves stumbling around Daytona looking for a place to park ourselves and continue the festivities. Following somebody's distant counsel, we remembered we were in the area of Kitty's Bar and we decided to investigate.

It's comfortably nestled on the northeast corner of what has been called Avenue 126 (originally, just west of Beach Street, that succession shield it from passer-by's views. Case in point, I've been in Daytona for three long years and this was the first time I stepped foot in Kitty's. I'm sorry it took me that long to find it.

Kitty's is a bar's bar. It should be, it's had enough time to learn, it's been around for the past 30 years. Kitty's incorporates the traditional look of bars in the northeast. The sort of bar you'd expect Bogart and Bacall to come into. "Play it again, Sam."

An inordinately long mahogany bar coupled with a dark wood tables, black and white checker floor tiles, and a well-used dart board all combine to give this place an exceedingly cozy and comfortable look.

Average price of bar brands runs around \$1.10, with call brands at \$1.35. Drafts sell for .60, while bottled beer retails for a measly .90. For those of you trying to make an impression, Kitty's offers Heinken and Molson. But I would feel more comfortable drinking out of a shot glass in this bar; isn't that how the hero did it in the movies when he was jilted by the sultry blonde?

To complete the atmosphere, there is a dart league that meets every Wednesday. According to barmaid Jean Durill, who by the way is all the barmaids are pretty, the season started around the beginning of September and is now half-way over. There are no happy hours, but an order for T-Shirts is due and a T-Shirt night will follow.

Though I didn't try them, the bar offers hot dogs and pretzels for those that need something to soak up the alcohol.

Kitty's is a perfect bar for those nights when you want to go out with the guys, about the breeze and have some cheap drinks without having to put up with the social antics of beachside bars. Owner Bill Heinbecker has apparently felt well enough alone and hasn't fooled with a successful recipe that has kept customers coming back for thirty years.

Supertramps latest release may spoil

By John Scribner

Self-appointed evangelist for the poor, down-trodden underclass, Rick Davies and Roger Hodgson of Supertramp seem to have depression on the mind with the release of "Famous Last Words." From "Crazy," the album's first cut to "Wading So Long," the track most local stations have been plugging. "Famous Last Words" has a distinct fatalistic note that is made all the more very by Davies' and Hodgson's piercing vocals. The album is straight forward

Supertramp; not of Breakfast in America caliber, but still not a bad overall effort. For those that enjoyed Breakfast's poignantly piercing lyrics, this latest from Supertramp will be a let down.

credits) would have the good sense to file this one under out-takes. Highpoints on the album include a refreshingly typical Supertramp rah-rah, beer hall stomp titled

encouraging tune supposedly written to fortify us for the perils of individual challenge in that tough world out there. Supertramp seems to want to side with the common man in his revolt against the pitfalls of modern day life. It's a mealy tribute and they should forego the attempt and concentrate on the music.

"This latest from Supertramp will be a let down"

"My kind of Lady" is the sort of banal trash tribute to early boss-shoo-ah that makes perennial favorites suddenly sound nauseating. The "Track" doesn't have an R & B sound as I wish the album's producers had the band is listed under this category under the

"Put On Your Old Brown Shoes" that's fairly reminiscent of "Bloody Well Right." No horns are listed on the credits, but it sure sounds as if Tower of Power was in the area when this was recorded. "Know Who You Are" is a beautiful, and contradicting en-

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T'n A night goes off with a bang

By Arthur Eyzaguirre Jr.

On Tuesday November 30th, the Entertainment Division of the SGA put on their scheduled T'n A Night show. T'n A, standing for talent in action, featured many of Embury, Riddles student performing a variety of musical acts, some of which were guitar and piano solos and duos, singing and a rock fusion band.

was definitely magnified by this touch.

A large crowd showed up to watch the student entertainment and it seemed to be enjoyed by all who attended. The master of

ceremonies was Harold Iszen. Complete with white tax and red rose to match his pro sneakers, he did a fine job in- See T'n A, page 5

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Sigma Tau Delta holds final fall trimester meeting

Gamma Rho, the Embry-Riddle chapter of the English Honorary Society Sigma Tau Delta, held its last meeting for the fall term this Tuesday at 7:00 pm. Biweekly meetings have been held since the fall of 1979.

The meeting was presided over by a number of speakers. Early in the term, Dr. Carl Lippold, Dean of Engineering and Aviation Science, talked about the relationship between the humanities and technology. Other speakers included Dr. Winifred Bryan who spoke on American Transcendentalism and Emerson, and Dr. Roger

Osterholm who talked about Melville and MOBY DICK.

Other important activities for the term included playing a softball game with the Humanities faculty on November 2, before the game was postponed because of rain. The group also attended a performance of The Shadow Box at DBCC on November 21.

Many of the same kinds of activities, as well as some new ones, are planned for the Spring 1983 term. The first meeting for 1983 will be Tuesday, January 11, at 7:00 pm. All interested students

should see the faculty sponsor, Dr. Jones, in A-221, or contact Gamma Rho president, Jeff Williams (Box 3451), about possible membership and to find out the location.

The Sigma Tau Delta chapter has over 280 chapters with over 40,000 members. Gamma Rho has 35 of those members and is growing steadily. (By the way, our congratulations go to five Gamma Rho members graduating this December: Ron LeBlanc, Paula Carver, Susan Paige, Bertram Kaufmann, and Jennifer Sidham.)



Doug Carhart, an AMT student here at Embry-Riddle University, is shown rockin' out with his band "Common Sense" at the recent T'n A night show.

T'n A

(continued from page 4)
producing and managing the show along.
Some of the people and their acts that performed were: Scott Ross and Greg Sterling performing a guitar duo, Diana Williams solo vocals, Phil Cecilio a piano solo, Larry Schwartz and Tony Digiovanna guitar duo, Lance

Schulau with Anthony Coella Singing about ERAU, Paul Wilson solo vocals and guitar, Leo Fernandez solo vocals accompanied by piano, (two Phils) Phil Jusko and Phil Black piano and vocals, and last but not least the rock fusion band "Common Sense" consisting of Doug Carhart (drums)

Cy Fitton (bass) Jeff Maitland (keyboards) and Keith Pereira (lead guitar).
On behalf of the Entertainment Division, I would like to thank all the performers, the stage hands, the waitresses, the people who showed up and the coordinator of the show, Julie R. Rankin.

GHANDI

(continued from page 4)
Not only will it be easier to enjoy the film, but also it may be appreciated far greater in an artistic sense. For instance, if the viewer is unfamiliar with the brutality invoked upon the Indian citizens by the British prior to independence, then Gandhi will appear excessively violent and gory. Also, when seeing the film, viewers should recall that Gandhi subscribed to

the idea of civil disobedience as taught by Henry David Thoreau. Though it may often appear that the Mahatma allows himself to receive needless punishment in his is only in keeping with the dictates of passive resistance.
Having established that Gandhi is an extremely special movie, mention must be made of its length. Viewers be advised to find an ex-

tremely comfortable seat from which to watch Gandhi, at three hours and twenty minutes it may be imprisoningly long.



Puzzle Answer

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| A | E | S | O | O | A | T | I | O |
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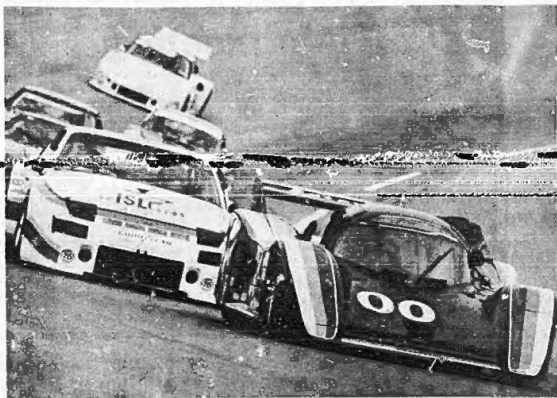
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Speedway to initiate new awards

John Riddle, general manager of Daytona International Speedway, announced during the International Motor Sports Association annual awards banquet that a major new award will be established by the Speedway for 1983.

The Daytona Cup will be awarded to the race driver having the best combined finish for the three Camel GT races beginning with the 24-Hour Pepsi Challenge February 5.

A total of \$25,000 will be awarded

to the top ten drivers competing in the 24-Hour Pepsi Challenge, Paul Revere 250 on July 3 and the Eastern Airlines 3 Hour on November 27 with \$10,000 going to the "Daytona Road Racing Champion."

00 becomes number 1

Car number 00 driven by Danny Ongais of Santa Ana, California leads the

November 28th's 3 hour Camel GT. The car driven

by Ongais was a Chevrolet Lola T-600.

Photo courtesy of Daytona International Speedway.

Sports Editorial

Frost's X-mas wish list

David Frost Sports Editor

"I'm sure you all also enjoy this time of the year as much as I do. I'm not an exception to this and I thought for the last column - the year I would list some of my Christmas wishes for the future. These wishes of course are related to sports and some are serious while others are just in jest. I let you figure out which are which. It shouldn't be much trouble.

Frost's Christmas wish list to Santa:
 Dallas Cowboy coach Tom Landry smiles. A year go by without a strike occurring in a major sport. The He-Man T1uphy go to some other position besides running back. A two minute warning in college and pro basketball. A boxing match between Sugar Ray Jr. and Gary Coleman. Have professional players play in the Olympics and other international events to really decide who's best in the world. Jimny Connors play Chris Evert Lloyd in a challenge tennis match with no handicaps. The New York Yankees use some developed draft choices in their starting eight. See Howard Cosell not only leave professional boxing but all sports casting.

See the New York Cosmos represent the United States in World Cup competition. The E-RAU raquetball courts finished. Snow outs avoided the first week of the baseball season. College football go to a sudden death period and avoid those confusing ties (A tie is like kissing your grandmother). Someone explain what color jersey is suppose to be worn by the home team in football. Larry Holmes and Mike Weaver fight to unify the WBC and the WBA boxing titles. See the NCAA deregulated so colleges can do legally what they have been doing illegally for years. Have the Chicago Cubs fool everyone and play their home games in the morning.

See a player under 30 years old play for Georgia. Allen in the USFL. White hockey skates for the NHL. The 1984 Olympics make a profit for Los Angeles. E-RAU seriously consider bringing back NCAA athletics to the student that really care. People stop complaining about safety in professional sports and remember that it is the individual that has the freedom to make their own final decision. The Mets bring Terrific Tom Seaver back to the big apple. See the Pack run come back. Billy Martin hold a job in one city for more than four years. George Steinbrenner become manager of the Yankees. The players of the National Football League apologize to the fans. Bjorn Borg get a hair-out. The Cincinnati Reds get red baseball shoes and beads. John McEnroe get publicly spanked by a tennis official after his next temper tantrum. An official get ejected from a game for a bad call. Have the World Series champs play the Japanese champs to decide who the real world champs are.

That's most of my wish list to Santa this year and I know Santa might be too busy to answer all of them. I just hope a few of the real important ones are answered because there are some people who really do care about some areas of the sports world. This is the last word from the sports editor and I hope I have given some interest and enjoyment to your reading over the last two years. So long.

Here come the Bowl games

By Joe Elm Avion Staff Reporter

The college football season will be coming to a end within the next few weeks, with the climax coming on January 1st in New Orleans, Louisiana. The national championship will probably be decided when Penn State clashes with Georgia in the Sugar Bowl at 8 p.m. EST. The game will feature no. 1 ranked Georgia's Hershel Walker, this year's Heisman Trophy winner, against no. 2 ranked Penn State's Todd Blackledge and Curt Warner.

In other major bowls, no. 3 ranked Nebraska will face no. 13 Louisiana state in the Orange Bowl in Miami, Florida. Nebraska boasts the no. 1 total offense and rushing offense in the game, averaging 518.1 and 394.3 yards per game, respectively.



The Cotton Bowl in Dallas, Texas, will feature no. 7 Pitt hosting no. 4 Southern Methodist, SMU, with only one tie, still has an outside shot at the championship, but Dan Marino of Pitt will do his best to squelch those dreams.

In other major and local bowls: Friday, Dec. 17: Tangerine Bowl; Orlando, Florida; Boston College [9-2-1] vs. Auburn [9-3-1] Thursday, Dec. 30: Gator Bowl; Jacksonville, Florida; West Virginia [9-2] vs. Florida State [8-3] Friday, Dec. 31: Hubbione Bowl; Houston, Texas; Arkansas [8-2-1] vs. Florida [8-3] Saturday, Jan. 1: Fiesta Bowl; Tempe, Arizona; Oklahoma [8-3] vs. Arizona State [9-2] Saturday, Jan. 1: Rose Bowl; Pasadena, California; Michigan [8-3] vs. UCLA [9-1-1]

After the results have been made official for the November Eastern Airlines 3 Hours, the top ten drivers in the Daytona Cup standings will be awarded as follows: 1st - \$10,000; 2nd - \$5,000; 3rd - \$3,000; 4th - \$2,000; 5th - \$1,000; and 6th through 10th - \$500.

Riddle emphasized that the Daytona Cup cash awards will be in addition to the record setting purses the Speedway expects to announce for the three races counting toward the title.

Earlier, R.J. Reynolds announced that the 1983 Camel GT Series point fund will reach a record \$250,000 to be distributed among the top 20 drivers at season's end.

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See Trivia answer, page 14

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Cashier's office closes due to fiberglass contamination

By Ali Saadeh
Avion Staff Reporter

Four women in the Embry-Riddle cashier's office received severe reactions to what appears to be fiberglass contamination. Jill Warren, Busar commented that "One girl had difficulty breathing." A possible cause to the cashiers' reaction could be related to a piece

of loose insulation in air handling no. 3 fan.

Mrs. Warren noted the doctor's suggestion that "Any kind of its minute substance (fiberglass) would be dangerous to the cashier's health." Phillip B. Adair, director of Physical Plant, "A sub-handler no. 3), upon hearing of the cashier's health hazard."

As to the extent of the women's health damage doctors cannot tell until a few months have gone by. Due to this incident, the cashier's office in the U.C. was closed a total of 12 working hours. After the first sign of fiberglass, the Physical Plant assured the cashiers that it was safe to resume normal operations in the U.C. Ms. Warren added, "I've been here again

with much force."

When Ms. Warren confronted Physical Plant about the return of the fiberglass symptoms, she was told the Physical Plant was "waiting for parts." Apparently the problem was not solved immediately because the cause was never fully realized.

The moment came to decide where to "transfer" the cashiers.

Cashiers Office. Ms. Warren explained that options included the Faculty Staff Lounge, down stairs of the U.C. and the Administration Building. The Faculty Staff Lounge was not used because of the lack of telephone and computer hook-ups. There are telephones and computer hook-ups downstairs, but a security guard

cashiers. Symptoms included skin itching, bad headaches and eyes burning. Overall the cashiers experienced severe reactions to some substance that has not been pinpointed. Busar emphasized that "Our number one concern is the health and safety of the cashiers." When notified of the situation, Physical Plant took action to solve the problem as soon as possible.

Speakers Bureau benefits all members

By Holly Vath
Avion Editor

The Embry-Riddle Students Speakers Bureau (SSB) was founded in spring of 1981 by Randy Alexander a recent E-RAU graduate. The SSB currently consists of five members. The members give speeches to groups at the TIME OF APPLICATION. Guarantees of financial aid cannot be accepted in lieu of payment. Contracts submitted without the

SSB chairman, Randall I. Cohen, considered. "The students should have done room well in Comm. III and are interested in time." After the student is recommended he must then be approved by the selection committee. This committee consists of the Chairman of the SSB, the Director of Community Relations and the Community

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Studies, Todd Dawkins, Aviation Management, Randall Cohen, Aviation Management and two newly selected members Mark Stubbs and Bill French.

The students benefit by developing their communications skills and they learn to interact with confidence. Randy stated, "The Bureau benefits the speaker, the school and community. The students make personal contacts in the professional world." The benefits to Embry-Kiddle include

recognition in the community and it provides good public relations. Some of the community groups that have taken advantage of the SSB include the Retired Masors, Daytona Beach Rotary Club, and many Elementary schools. The SSB is currently looking to increase its membership. Randy mentioned, "We would like to members from different degree programs, so the groups have a variety of speakers to choose from."

The only problem faced with the Administration Building was the inconvenience to the students. After reviewing the situation, Ms. Warren added "We could not see any way possible to keep it in the U.C." The students' feelings and mobility, especially those who walk, were considered by Ms. Warren and others who participated in the decision making. "I regret that they [students] had to use a little bit of gas," Ms. Warren added, "We thought it ended but the girls complained again."

Ms. Warren noted that Wednesday, November 24 and Monday there were no complaints of reports of fiberglass contamination. On Tuesday, the same symptoms were noticed and the cashiers returned to the doctors.

filtered a second time. Bird stated, "We are not supplying them [the cashiers] with the irritant."

The cashiers are being kept informed on the progress that is being made to solve the problem. Bird adds, "We advise them of our analysis." Asked about the quality of the Physical Plant and other E-RAU technicians, "Our technicians are as good as or better than those in the community."

According to Ms. Warren, "If the cashiers are effected again, it is a good possibility that the cashiers will go to outside specialists." Physical Plant seems to agree that if any more complaints arise, the next step would be to close the cashier's office in the U.C. and bring in outside consultants.

Dr. March evaluates

By Max Corneau
Avion Staff Reporter

evaluated other programs.



The Flight Line has started operational use of the Power-Cart. This new vehicle will increase ramp safety and provide a minor upkeep and cleaning service for all Riddle aircraft.

The Power-Cart will carry various fire extinguishing equipment to provide a "Quick Response" to any safety hazard. The cart will also provide easy access to replace any aircraft rotating beacons along with providing aircraft towing.

The cart which cost \$2,330, will soon be equipped with a rotating beacon and painted in the Riddle paint scheme.

(Photo by Scott Truelira)

The women who were affected by this unknown fiberglass contamination and taken to the hospital were Carol Roudou, who is head cashier, Amanda Cox, Kathy Harris, and Linda Kelly. Marge Carlson was taken to her eye doctor due to the problems encountered with her contact lenses.

Ms. Warren mentioned that several reactions occurred during the period from 11 a.m. to noon. This incident did not involve one set of special symptoms for all the

In addition, Physical Plant has spent many hours inside the units. It was immediately noticed that a piece of insulation had come loose. The insulation happened to have fiberglass material. Damaged material was replaced and Bird felt the problem was resolved.

In the interest of the women's safety, the cashier's office was closed a second time. At this time, Physical Plant did a thorough clean-up job of the entire cashier's office. According to Jill Warren, "The [Physical Plant] have done their maximum best."

LRC (continued from page 1)

resources such as microfilm, audio visual programs, magazines and computerized surfaces," continued Luther.

She described how the new LRC will be "designed to be extremely flexible to adapt to new technology as it is developed." Explaining further, she added there is a plan to introduce a computerized card catalog and the possibility of introducing "computer aided instruction."

Luther explained the distribution of total seating space. She said approximately one half will be study carrels for individual study,

40 percent will be table seating, and ten percent will be comfortable, leisure seating. She admits leisure seating is scarce in the existing LRC.

Luther mentioned there is a discussion at this point about theater type auditorium space to serve as meeting class space. She added the committee is also investigating the possibility of including room for tutoring.

As for new research materials, Luther stated that "We have the best aviation collection in the southeast." She added the committee has projected adequate

room for the collection to grow.

Another major concern of the LRC Advisory Committee is the noise generated in the LRC and ways to minimize it disturbing others. Luther criticized, the LRC can be noisy with all the activity and therefore asserted the committee "will pay special attention to acoustics."

In the area of security, Luther says they plan to continue the use of the system now used in the existing LRC.

Luther pointed out that this new LRC will be designed for the students' needs. She insisted

students are encouraged to consult her or the respective SGA representatives (on LRC Advisory Committee) for any input they have to render.

The voting members of the LRC Advisory Committee (Mrs. Luther is ex-officio) are Chairperson: Mary McClemore, Rich Reeder, Charlie Johnson, Frank Moxly, Jean Snyder, Charlotte Minor, Bill Chamberlain and Jean Goddard, also a member of the Board of Trustees.

The two SGA Representatives on the committee are Scott Foster and Tim Stoll.

See LRC, page 14

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Pell Grant Fund is increased by \$140 million

As we look toward the beginning of a new trimester and a new award year for financial aid recipients, we would like to bring you up to date on some of the events and changes that may affect your financial aid.

Pell Grants Increased

For 1982-83, Pell Grants were adjusted to reflect the additional funds, the U.S. Department of Education worked for the next two months revising the formula used to determine awards to students. The Financial Aid Office is now adjusting all Pell Grant recipient's awards. Most students received an additional \$63 for the fall trimester and their spring disbursements will include the additional amount. Students who receive VA Educational Benefits have had higher increases due to the changes made in the treatment of these benefits for Pell Grant purposes.

Florida Tuition Voucher

Students who were awarded a Florida Tuition Voucher for 1982-83 have experienced a decrease in the amount of the voucher. Under normal conditions, the voucher is \$375 per

trimester. However, in an effort to meet State expenditures in Florida, Gov. Graham initiated two separate two-percent spending reductions in all state-funded programs. The reduced amount of the Tuition Voucher now stands at \$341 per trimester for each of the fall and spring trimesters.

Payment of all charges for the Spring '83 trimester is due on January 19, 1983. Financial aid recipients whose aid has been approved but not received may apply for a payment extension in the Financial Aid Office until January 19, 1983 only. In order to qualify for an extension, students must have applied for their financial aid by the published deadline dates. Standards of Satisfactory Progress

One of the many conditions of receiving a financial aid award is the student's ability to maintain a good academic record. The policy currently in effect concerning "Satisfactory Progress" states that a student must not drop below a 2.00 cumulative grade point average. If this happens during two consecutive trimesters, the award will be cancelled.

Recently, the Department of Education published new rules for institutions to use for their stan-

dards of satisfactory progress requirements. These standards include, in addition to a minimum grade point average criteria, a time frame during which students must complete their degrees.

In order to provide more efficient and more rapid receipt of financial aid funds, the Financial Aid Office will be crediting awards to the Pell Grant, NDSL, and SEOG students who had signed and returned their award letters for Pell Grant, NDSL and SEOG will have their student accounts credited with the amount of aid awarded. At that time, a verification notice will be sent to each student, listing the amount received. Students who are to receive Guaranteed Student Loan checks, however, must continue to sign for their checks in the Financial Aid Office.

This is the initial phase of our financial aid system, with future emphasis placed on tracking of all applications and other forms required for the awarding process. We have made every attempt to insure a smooth transition to this system; however, with any major change unforeseen problems are possible. We ask your patience if any should arise.

During most years, the Financial Aid forms are distributed to

students in November or December by submission early in January. This year, due to several problems on the federal level, the publication of these forms has been delayed. We have just been advised that the new Financial Aid Forms will be mailed to us around January 15, 1983. Since the aid awarded from this document relies

on the information you provide on the forms, it is important that you complete the forms as soon as they are available. We will be distributing them in the University Center and Financial Aid Office as soon as they have been received. In the meantime, be sure to gather your income information for 1982 so that you will be prepared to complete the Financial Aid Form as soon as you receive it.

For the past few years, we have dealt with the many threats of budget cuts in the financial aid programs, most of which did not materialize. The major effect of the ongoing debates on the congressional level concerning these reductions was the delay caused in delivering aid to the students. There were delays in processing Pell Grant applications in Los Angeles, delays in decisions regarding verification of data reports, delays in notifying all schools of their funding levels, and delays at lending institutions caused by the late passage of new regulations for the Guaranteed Student Loan Program. Unfortunately, 1983-84 promises to be less eventful.

In addition to the late distribution of forms, Secretary of Education Bell has announced plans to eliminate the three Campus-Based financial aid programs (NDSL, College Work-Study, and SEOG), abolish the Education Department, and cut cost of the Guaranteed Student Loan Program by allowing students to borrow only tuition and other direct school charges. Whether or not these proposals will have sufficient support in Congress to pass will be determined over the few months. The Financial Aid Office will attempt to keep you updated on these and other developments via the bulletin boards in the University Center and Administration Building. If you have any questions about how any of these changes will affect your financial aid, please contact your Financial Aid Counselor.

notices

Cap and Gowns

Cap and Gown pick up for December graduates is scheduled for Friday, December 17, 1982 in the Common 1 uprose Room of the U.C. from 8:30 a.m. to 12:00 noon from 1:00 p.m. to 4:30 p.m. You must pick up your own cap and gown.

Read & Heed

Othello tourney set for January

A national Othello tournament will be held on January 8 at 9:00 a.m. in A202. There will be a nominal entrance fee. The tournament will allow a player to play approximately 6 games each, no eliminations will be done. A few days before the competition a demonstration may be presented in the U.C. by Dr. Elliot Jacobs. For more information contact Dr. Jacobs.

are a few days away. Study hard, brothers we've got to get at least a 2.5! Have a good finals week and Christmas. See you in January!!

oves to be successful

members for the fall term and

Bookstore refunds

The bookstore will be making policy changes regarding refunds and student charges. These changes will be effective January 1. We request that all students pick up the written notice in the bookstore.

LRC exam hours

During exams the LRC will be open the following hours:
 Friday, December 10 7:30 a.m.-11:00 p.m.
 Saturday, December 11 8:00 a.m.-6:00 p.m.
 Sunday, December 12 11:00 a.m.-11:00 p.m.
 Monday-Wednesday, December 13-15 7:30 a.m.-11:00 p.m.
 Thursday, December 16 7:30 a.m.-6:00 p.m.
 All books and materials are due December 10. The LRC will be closed December 25 through January 2 for the holidays.

FAA written exams

FAA written exams will be held on Friday, December 17 at 8:30 a.m. The exams will be held in H-113 and H-107. Students intending to take FAA written exam are required to sign up with Kathy Arnold, extension 1307, in office D-200 prior to the examination day.

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 Attn: Dave Dapns, Asst. Dir.

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Phoenix user fee attributed to rising costs

By Randy Bloom

In the beginning of this trimester the Student Government Association (SGA), and its subdivision the Phoenix Yearbook imposed a user fee for students wishing a 1983 Phoenix. It is because of all the unanswered questions pertaining

within.

The SGA receives the bulk of its operating income from the \$15,000 SGA fee paid by all students. Additional funds are received from revenues earned by the SGA subdivisions (Phoenix, Avion, Entertainment). Since the enrollment at E-RAU is topped off at approximately 1,000 students, the SGA

income amount the SGA can expect for any one trimester is \$75,000, plus the subdivisions revenues.

Each trimester the Student Union Board (SUB) comprised of the Editor of the Avion, the Editor of the Phoenix, the Chairman of the Entertainment Committee, and

meet and negotiate budgets. Since there is a limited amount to work with, there is a lot of give and take. Each year costs for each division rise, making it difficult for them to get what they want. The yearbook may have to cut a section of color. The Avion may have to have less pages, and Entertainment might

quests with their current income. If no additional money were taken in the quality of all products produced would decrease. To relieve this rising cost problem, the SGA elected to impose a user's fee instead of increasing the total SGA fee. The user fee less money be used for yearbooks. The Phoenix

other divisions.

The fee would also fulfill the need to get an accurate list of students wanting yearbooks. By compiling an accurate list the Phoenixbook will be able to order the correct amount of books thus eliminating waste of money and the problems created by over-ordering. The Phoenixbook will be ordered by students wishing books. Money paid from the user fee will go directly to the yearbook enabling SGA money to be allocated to the

Housing contracts being offered

Any student interested in University Housing for the 1983-84 academic MUST complete a Housing Contract between January 17, 1983, and February 18, 1983.

Contracts are available at the Housing Office, Residence Hall II, Room 278. A \$95.00 non-refundable prepayment (check or money order) must be submitted at the TIME OF APPLICATION. Guarantees of financial aid cannot be accepted in lieu of payment. Contracts submitted without the

prepayment will not be considered. Although individual room choice cannot be guaranteed, students who sign up at this time will be guaranteed an assignment in the FACILITY of their choice.

Please be aware of the contract dates:
Residence Hall I - Fall 1983 through Summer B 1984
Residence Hall II - Fall 1983 through Spring 1984
Apartment Complex I - Fall 1983 through Spring 1984

Apartment Complex II - Fall 1983 through Summer B 1984
You are obligated to remain in University Housing for the entire contract period unless you are not enrolled at the University in a particular trimester. No requests for contract release will be granted, so please make certain of your desire for University Housing before committing yourself to a contract.

Should you have any questions, please feel free to contact the Housing Office. Thank You!

Dr. March evaluates FAA

By Max Corneau
Avion Staff Reporter

During the week of October 25, several faculty members traveled to Oklahoma City to evaluate the FAA training academy. According to The Avion, Vol-42, issue 91 three Aeronautical Science faculty members made the journey. Four members of the Aeronautical Science faculty evaluated specific technical training programs for possible college level credit. During the same period of time Dr. William March a member of the Management Science department

evaluated other programs.

Dr. March, Associate Professor, College of Aviation Science and Engineering traveled to the FAA Management Training Center at Lawton. While in Lawton, Dr. March looked at courses in Airport Management as well as Logistics. Participants in the evaluation team hailed from areas around the country. Along with Dr. March, Professors from The University of Oklahoma, Oklahoma State and Cameron State University were present.

Several of our faculty members,

along with faculty from other institutions were contracted to study the training programs conducted by the FAA. In this case, The American Council of Education was responsible for implementing the evaluation process. Previously, courses of training at the Lawton Training Center were not acknowledged as college level courses. After being looked at by the evaluation team, made up of faculty from select technical colleges, recommendations are made regarding possible college accreditation.

Cadets learn evasive tactics

Michael J. Dronogoy

Over the weekend Cadets went to the field to learn about Escape and Evasion Tactics. The scenario was set up to simulate a helicopter team shot down over enemy territories in Vietnam. The MS 1's and 11's were the pilots that were shot down and the MS 11's and

1V's portrayed the adversaries that were out to capture the NATO forces.

The Cadets that were shot down had to make it to points where they could be picked up and transported back to friendly areas. Some Cadets were able to survive and make it back safely; however, the others weren't as fortunate.

They were captured and brought back to POW camps. At the camps the Cadets learned what it would be like to be a Prisoner of War. The captured Cadets were interrogated for valuable information needed to learn more about the NATO forces.

The exercise was a great success, and the Cadets had a great time.

E-RAU aids community groups

Embry-Riddle Aeronautical University offers a variety of services for community groups, schools, residents and area visitors. The University provides both faculty and student speakers bureaus for community and school groups. A tour program for elementary and secondary classes gives young people the opportunity to learn about air transportation, from aircraft maintenance to sitting in the pilot's seat. All area schools are invited to take advantage of these tours. Guided tours are also available for community organizations or interested residents and visitors. The Embry-Riddle Admissions Office conducts tours daily for prospective students and their parents.

The University's President's Residence on Ocean Shore Boulevard is available to community groups for meetings or socials, and may be reserved through the Community Relations Office. Many organizations have

taken advantage of this service during the year, and reservations are now being accepted for 1983. Embry-Riddle has 5,000 students, many working or seeking employment in the community. Student services are available to interested residents, businesses or clubs. For information on any of these services, or to receive University mailings, contact the Community Relations Office at 252-5561, ext. 1019.

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For more information, contact your Professor of Military Science.

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76 cc 900 SMOOTHTHRORES, 2 liter racing header... Call Frank at 784-1531 or Box 1931

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FARING: Shop FM-2 motorcycle. Primed and ready for paint... Call Jack at 788-6183

COMPUTER: Radio Shack Modfl. Personal and Business use... Call 788-6183

TEXAS INSTRUMENTS TI-59: Programmable with a Navigational mode... Call Peter at 781-1902

ROOMMATE WANTED: For a very nice 3-bedroom, 2-bath home... Call 781-1902

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CONTRACT: Complex I. Male occupant... Call 258-9127

CONTRACT: Dorm II. Contact Bill, Rm. 254 or Box 5955

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SAVE THE JUNCO CLUB: Meeting Dec. 9 at 8:30 pm in the Test Cell... Call Eugene at 761-8610 or Box 2791

TO THE HELENICS: The GREEKS are still the best! Who said that? Virginia is only for Lovers! LOVE YA ALL... AMAZANDBRA

CONTRADICTIONS: Alpha Alpha Pledge Brothers! That was one Helluva Party Friday Night. Challenge was funny, but so was Annie Spinnaker! Great job everyone!! C.G.

TO THE GRADUATES, no I don't mean Dustin Hoffman... Call Eugene at 761-8610 or Box 2791

nonplussed ERAU will not be the same without you Good Luck, Max

A.K.: Long time no see. What's new? It's been an interesting 11 years. I'll see you some time next year. Keep in touch if you have time. Decade Dave

Dad, Received the personal via office mail. Misunderstanding is straightened out. Love you. See you shortly. Your Daughter, Editor

AQUARRIN: I LOVE YOU SO... MUCH!!

DEAR SUSAN: Just want to say thanks for the great "Thanking Day Break"!! It wouldn't have been the same without you. You really do "Light up my Life"

LOVE ALWAYS, DON This Trimester's BarNav tip

Elmrose to St. Louis, no often encounters

A Hassle. See you next time, your BarNav buddy.

Calldwag. That was an interesting note that was delivered. Too bad you didn't have the guts or backbone to sign your real name. If you have a legitimate beef be a man tell another man to their face. That's if you are a man! Signed, the Sports Editor

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National Weather Service cutbacks reach critical level

By Gary Tarizzo
Avion Staff Reporter

For the past several years, the National Weather Service has felt the ever increasing effects of budget and personnel cutbacks.

In the fall of 1979, the director of the system and the public services that they offer.

Commenting on the cutbacks in personnel and the need for automation in the weather service, Mr. Dow Boykin, Meteorologist in-Charge of the Daytona Beach National Weather Service Office stated, "We are at a critical point now. We cannot continue to lose people and keep major programs going. There is going to have to be some hard line decisions made that if we don't bring on computers, then we are going to have to look at cutbacks in services. Because we have reached the point right now, where we simply don't have enough people to allow any further reductions in personnel and carry

on the programs as they are today."

According to Mr. Frank Wenzel, Meteorology instructor here at Embury-Riddle, "The trend appears to be that your going to

with this, is you lose personal contact between the pilot and the briefer, which is very serious, and also the ability to interpret this data accurately."

"The need for the Weather Service to automate its equipment is increasing with the reductions in personnel, according to Boykin. "We need to get away from the basic time consuming routine operations; to give the meteorologist time to think about what's going on. And if your going to spend a lot of time doing routine pulling, you don't have the time to carefully analyse the significance of what's going on. So we need more think time; that is really what I am talking about."

There is also a time lag that is even more severe, according to Boykin. "We are being caught in a squeeze right now. We don't have the black boxes (computers) on board to take the place of people,

The National Weather Service has been in a hiring hold for the last several years. The Office of Manpower and Budget has placed this hold on the National Weather Service due to budget cuts and will only allow occasional hiring when absolutely needed. The Weather Service continues to keep its offices staffed by shifting personnel

to various offices that are understaffed. On this subject, Boykin stressed, "Anytime someone gets sick or has to go for training or takes a vacation, your station is in a bind; you don't have the extra help. You've got one man working wide open and you don't have any reserves left. We've used up our reserves, so

NWS

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system is scheduled to go down. It will cost \$150 to install the computer. A few months will be needed until the system is fully operational. According to Johnson, it should make everyone's job easier.

RLC

(continued from page 1)
At 24, Brian hails originally from Southfork PA. His hobbies include weightlifting and Corvettes. Brian has been happily married for three years and to the present has no children.

TRIVIA ANSWER

The Agnes were 19
from ADM in 1954 when
Cook's Island first met at
Tom here to go back to

we're running wide open."

With the cutbacks in the Weather Service, various private companies are starting to offer weather services to subscribing members. Responding to this

therefore the pilot must interpret computer data [without the help of the a briefer] in order to make a smart aviation decision. There is going to have to be a drastic change in the knowledge of

weather that pilots will have to know in order to interpret this information."

Wenzel continued, "The primary use of weather information is to make a good decision, and if you do not understand

In response to a solution to the understaffed agency that he works for Boykin announced, "What I want done is to close the weather station, let's keep the stations that

we're going to operate fully staffed to do a good job to keep up with things and not try to provide weather stations all over this country."

Boykin further commented,

develop systems that will work quicker and faster. And in this case [automation] quicker and faster means more accurate information."



Provost Fidel upon being present the honor of having an Army ROTC scholarship named after himself. Present were James Beam, the first recipient with the award. (Photo by Rob Rissel)

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