

3-24-1993

## Avion 1993-03-24 (A)

Embry-Riddle Aeronautical University

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# THE AVION

An award-winning newspaper by students for students

Volume 75, Issue 10

March 24, 1993

## Launch aborted at T minus 3 sec.

By Joshua Mussaf  
 Staff Editor

The Space Shuttle *Columbia* aborted its launch attempt on Monday with only three seconds left in the countdown.

This was the third occurrence in the program's history and the first since the "return to flight," after the *Challenger* accident.

While igniting *Columbia's* three main engines, which began at T-6.6 seconds, the onboard computers initiated a main engine abort sequence.

The aborted launch attempt puts the space shuttle launch manifest on hold while NASA determines what went wrong with the fleet's oldest vehicle.

Preliminary indications for the abort appear to be that main engine number 3 (the far right engine) did not fully ignite due to a liquid oxygen preburner check valve which

apparently experienced an internal leak.

The internal leak caused a over-pressurization of one of the sub-systems, which onboard computers sensed and terminated the main engine ignition sequence.

The shuttle's two other engines ignited as usual six seconds before liftoff but were shut down automatically.

The \$40 million space shuttle main engine in question has been used on seven previous flights and has been started a total of 31 times, including preflight testing. It has run for a total of 8,396 seconds.

A spokesman for Rocketdyne, a division of Rockwell International, the engine manufacturer, said investigators will look at all potential causes for the failure including contamination or problems with valve springs, which have occurred in the past during engine testing.

Officials made clear that the two previous problems with *Columbia* in February and earlier this month, are unrelated to the valve problem.

Commander Steve Nagel and the rest of the seven man crew returned to Houston on Monday afternoon, but before departing, Nagel said of the experience, "I mean, there's a couple of moments wondering what happened because all you see on board are red lights indicating an engine shutdown. So you know the computers shut down the engines, but you don't know why or exactly what went wrong with them."

In the history of U.S. manned flight, there have been only three other launch attempts where the mission was aborted after the engines were ignited, but prior to liftoff.

On December 12, 1965, Gemini 6 was set to take off on top of a Titan 2 rocket. The Titan 2 engines ignited, but then, just as suddenly, shut down.

Investigators quickly discovered a two-inch electrical plug had fallen out of its socket prematurely. There was no damage and astronauts Wally Schirra and Thomas Stafford were back on their spacecraft three days later and launched without any problem.

The first space shuttle launch abort came June 26, 1984, during the maiden flight of the Space Shuttle *Discovery* and the STS-41-D mission. *Discovery's* onboard computers aborted the flight four seconds before liftoff. Investigators traced the problem to an engine fuel valve failure. *Discovery* was successfully launched on August 30.

The second shuttle launch abort came one year later on July 12, 1985 with the Space Shuttle *Challenger*. The launch was aborted three seconds before liftoff and was traced to an engine coolant valve failure. *Challenger* was launched on STS-51-L on July 29.

Kennedy Space Center spokesman George Diller said officials won't know until tomorrow whether *Columbia* will be brought back to the Vehicle Assembly Building for repairs or remain at launch pad 39-A. Meanwhile, at launch pad 39-B, the Space Shuttle *Discovery* is being prepared for an environmental research flight, tentatively set for April 7.

Additionally, *Endeavour* is currently in Orbiter Processing Facility bay 1, where it is undergoing final tests before it is moved to the Vehicle Assembly Building later this week. According to spokesman Mitch Varnes, *Endeavour's* flow will proceed as planned.

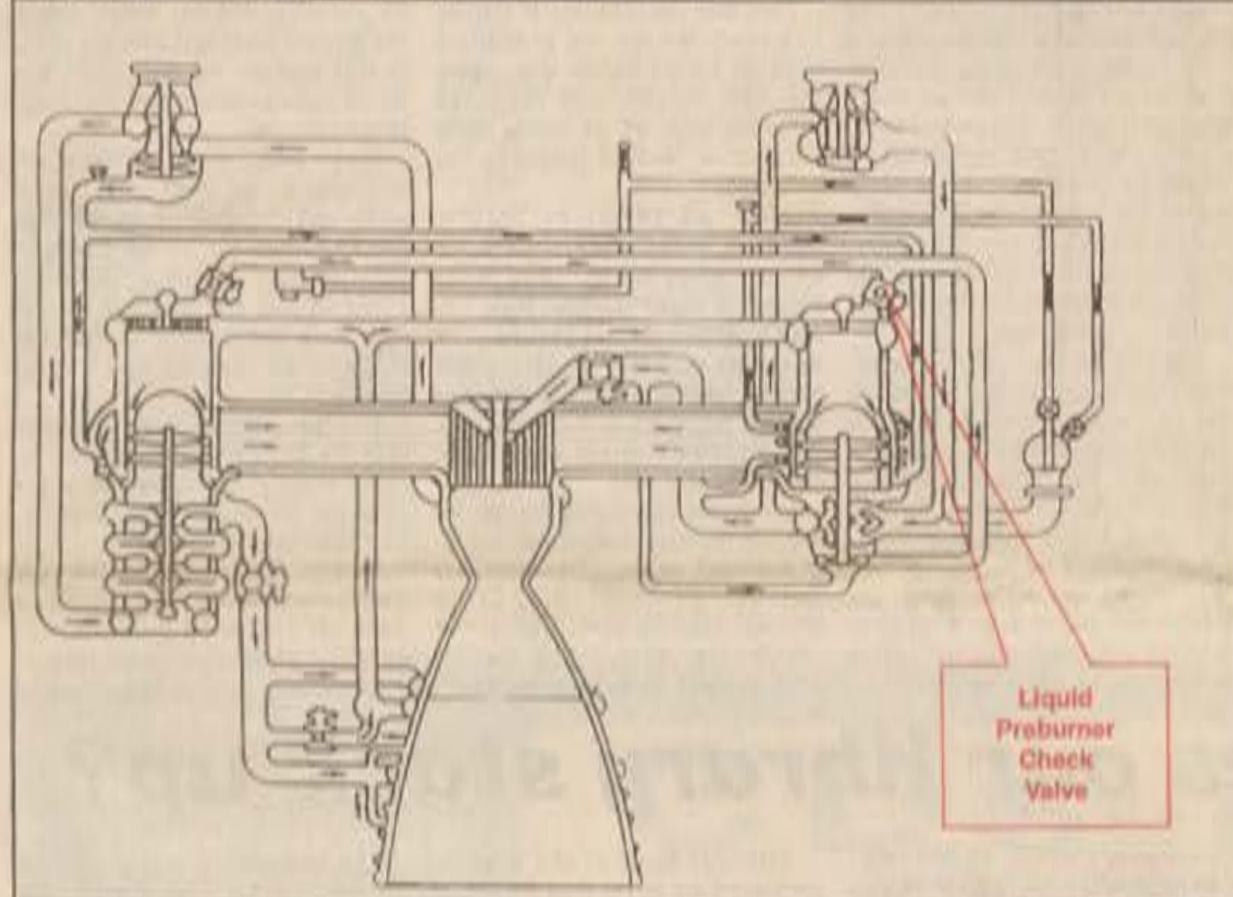
*Columbia's* launch had proceeded extremely smoothly and would have launched exactly on time at 9:51 a.m. *Endeavour's* second shuttle flight last September took off exactly on time, the first orbiter to do so since November 1985.

Varnes said that although no definite plans are in the works, he expects the repair work on *Columbia* to be done at the pad. It is not known yet if all three main engines will need to be replaced.

*Columbia's* aborted launch cost NASA approximately \$694,000.



A malfunction with one of the valves of the number 3 main engine caused NASA to abort *Columbia's* launch.



An internal leak in a liquid oxygen preburner check valve caused the purge system to be pressurized above its limits. The result was an engine that did not ignite properly.

### COLUMBIA'S FAULTY ENGINE

- **Manufacturer:**  
Rocketdyne, a division of Rockwell International.
- **Thrust:**  
393,800 lbs. at 104%
- **Cost:**  
\$40 million
- **Missions:**  
7 flights
- **Starts:**  
31 (includes tests)



*Columbia's* launch was aborted three seconds before liftoff, when engine number three did not fully ignite due to an internal liquid oxygen leak.

## Phoenix Yearbook wins first at Regional

By John Luke  
 Staff Reporter

Embry-Riddle's *Phoenix* Yearbook won a national award for having the best yearbook at their convention this semester. Eric Crawford, *Phoenix* Managing Editor, said that it was the best book ever here at Embry-Riddle.

They won the 42nd Annual Southern Regional Press Institute's First Place for Outstanding University Yearbook. This was presented at their convention at Savannah State College on March 5.

Crawford said, "The judging process is on a point process so we just won the most points. There's a judging sheet based on several parts and the most points win." The last award the *Phoenix* received was in 1989, at the same convention they won

Second Place. Staff members from last year's staff actually were awarded because this year's yearbook has not come out yet.

Crawford said, "My goal is to compete nationally. We're not at that point yet." He said that judging was primarily subjective on a regional level. Crawford feels that national competitions are more objective and harder to win.

"We had a few dedicated members that were necessary to pull it off," Crawford said. "We concentrated on layout design using newer technology and ideas. That is how we have kept ahead..."

He continued, "Previous books were lacking in design and writing. We went to a lot of conventions and learned a lot..."

Crawford said, "We got a lot of help from our representative from



Managing Editor Eric Crawford (middle), Beth Grabowitz and Chris Sarna hope that being the best yearbook at the Southern regionals will lead to victory at the nationals.

Taylor Publishing, Marvin Mayor."

He said, "One of the elements we use is more spot color rather than the traditional four color which is used in a lot of other books. We use a lot of trendy ideas from magazines and

we have had a much more cost effective book in the last few years so we have been able to do a lot more for the same price."

see Yearbook, page A6

## Morrison's to offer Taco Bell, sub shop

By Michael Jackson  
 Staff Reporter

The grand opening of a new and improved food service program at Embry-Riddle is set for the fall term of 1993. What is known as the Landing Strip will be transformed into a Taco Bell Express and a unique Aviator Sub Shop.

The actual construction is set to begin in July and is scheduled to be completed and ready for business at the beginning of the fall term.

The new Taco Bell Express is proposed to be situated in the Landing Strip in the area where ice cream and cookies are sold. The Aviator Sub Shop will occupy the remainder of the space in the Landing Strip.

The new construction will also provide better access to the food

court and will combine the two areas allowing students and faculty to move to and from the area without the hassle of going outside and coming back in.

The changes in the food service on campus were proposed by Greg Himes, the director of Morrison's at Embry-Riddle.

Himes stated that "Morrison's wanted to get into name brand concepts." On presidents day Morrison's sponsored a survey asking students what they would like to see done to improve food service on campus.

Pizza, tacos, and subs were on the top of the list and Little Ceasars Pizza was a possible option in the early plans, but due to the fact that pizza is already available in the food court the plans were changed.

see Food, page A7

### Inside this week:

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The World Trade Center is slowly returning to normal after a deadly terrorist attack.

see National News, page A7

### News in brief..

#### Blood drive

Sigma Chi Fraternity will sponsor an American Red Cross blood drive at the John Paul Riddle Student Center Conference Room Thursday, April 1st, and Friday, April 2nd, from 10:30 a.m. to 4:30 p.m.

The Red Cross is facing a shortage of blood and needs people to donate. This is the perfect time to help others by giving them the gift of life.

#### Movie of the Week

Touch 'n Go Productions will be showing *The Distinguished*

*Gentleman* tomorrow, a comedy starring funny man Eddie Murphy. As a Miami con man, Murphy manages to win a seat as a representative in congress, where the fun begins.

#### ROK-M talent show

The Riddle on Kampus Klub for Musicians is putting on a talent contest Wednesday 24 in the John Paul Riddle Student Center. Club members will be opening the show with a performance. Contestants range from musicians to singers to jugglers. The show starts at 8 p.m. on the Flight Deck.



Thirteen Project Gemini astronauts are inducted into the Astronaut Hall of Fame.

see Space Technology, page B2



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Embry-Riddle Aeronautical University

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**Bill De Brauw**

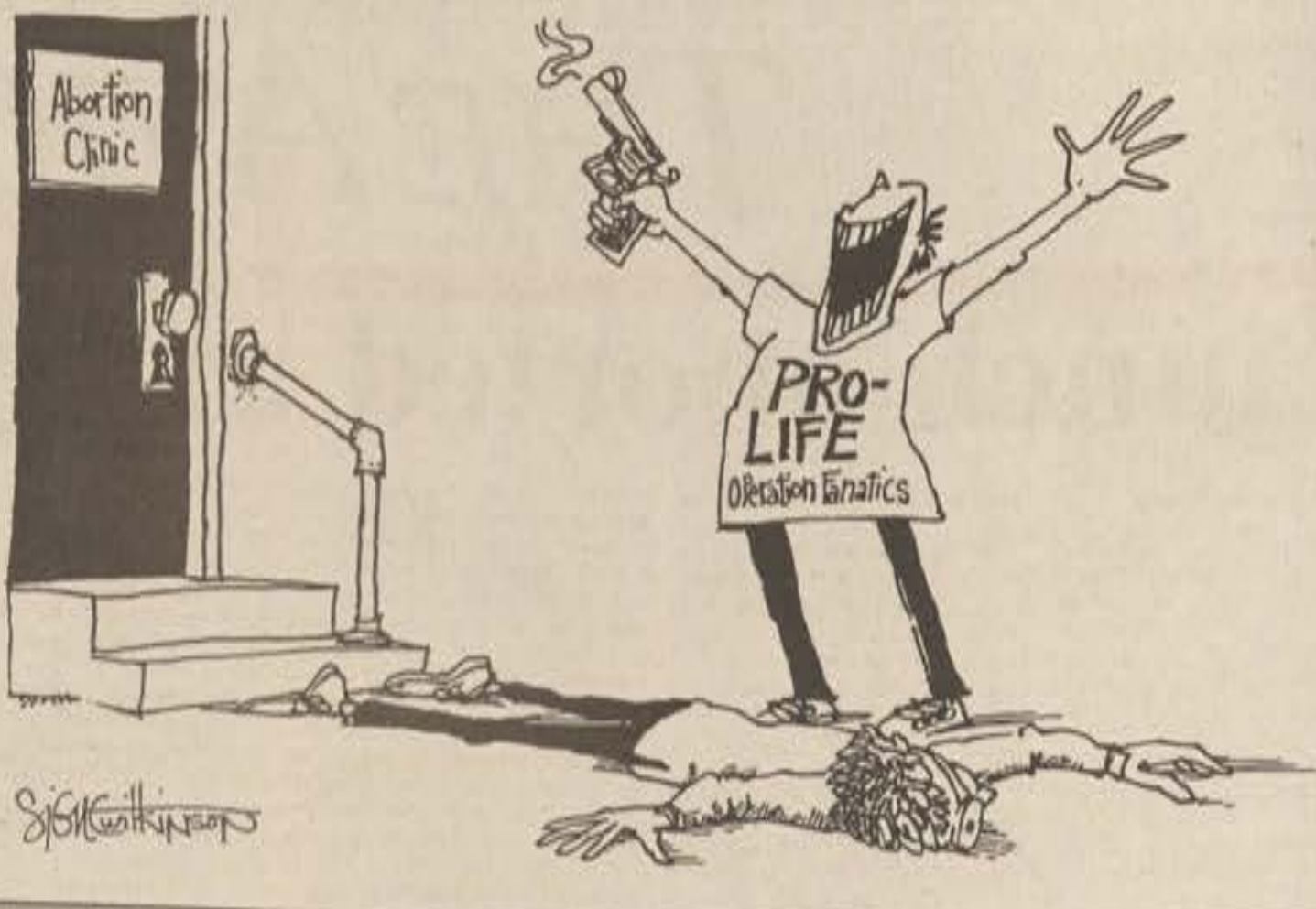
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**Staff Commentary:**

**President Sliwa is a leader**



**John Luke**  
Staff Reporter

President Steven M. Sliwa is the best thing that has happened to Embry-Riddle since ERAU was upgraded from Embry-Riddle Aeronautical Institute to Embry-Riddle Aeronautical University. His presence at Embry-Riddle is as much a tribute to the campus as it is to the personal dedication and commitment Dr. Sliwa has toward challenge and growth.  
For if Dr. Sliwa simply wanted to make money or do an easy job, he would not be here at Embry-Riddle. No, Dr. Sliwa is here because he is interested in the challenge of leading

Embry-Riddle into greatness and predominance in higher education.  
Of course, a University President does not act alone. There are many other great people who make ERAU a great place. And, certainly, he stands on the shoulders of great leaders who have forged the Embry-Riddle we see today. However, President Steven Sliwa shines as the greatest administrative leader this school has ever known.  
Although he has made the unfortunate decision of raising our tuition and fees again, I think that if you check the facts you will find a president who has single-handedly improved this school in a big way through turbulent economic times. Embry-Riddle's major growth as a new school was based upon war efforts and our country's military need to train exceptional fighter pilots, mechanics and engineers.

Now that the cold war is coming to a close, the amount of military need for Embry-Riddle is dropping off. This coupled with the tough economic times we are having really creates a double-jeopardy of problems.  
Since all (99%) of Embry-Riddle's expenses are paid for through tuition dollars, Sliwa seems forced to raise tuition. But, Dr. Sliwa, please do not justify your budgetary decisions by saying that because other schools raise tuition or pay for programs in a certain way, that program is either unusable or absolutely necessary.  
Sir, please stop telling me that we can not actively market our graduates as well as DeVry just because they are a specialized school or that because schools identified as our competitors raise tuition that we have to, these are false conclusions;

we should assess our needs versus our specific goals and strategic plan, in this manner we will find ourselves differentiating and excelling beyond the rest.  
When making these important decisions, please focus more on our needs and our specific situation at Embry-Riddle, for we are a unique and exemplary institution. However, I do feel that Dr. Sliwa is on the right track and deserves support for many of the changes which he is making.  
Dr. Sliwa deserves more support than the Embry-Riddle community seems ready to give! Just look at his awesome accomplishments thus far. The land acquisition, bond issues, federal grants, creation of a day off for Martin Luther King's birthday, a week off for spring break in next year's academic calendar, class-

see Sliwa, page A6

**Letters to the Editor:**

**Radio Now!**

To the editor:  
In reading the last issue of the Avion, I realized that the level of misunderstanding about WERU and its operation has now gotten out of hand. Last week an unnamed student in a letter titled *Radio for All*, stated that the radio station "music that is played over the radio station is mainly progressive music." Also, James Romano wrote a letter that complained about the radio station being carrier current. Since it seems that WERU has not done enough promotion and that over the past FOUR years (the club started in Fall '89) we have not explained the facts of our tribulation to suffice, I will respond as Information Program Director.  
In response to the unknown letter writer, I would like to point out that in the preamble to our by-laws it states, "Nothing throughout the course of an educational career better promotes total education as diversity in thought... to provide an open forum for free speech and thought..." The Program Director's position in the by-laws is defined as working to insure that the format is as diverse as possible. In fact, WERU has a position on its Operations Board for minority, women and international student relations and programming.  
When WERU was originally organized and, as it remains true to up to this day, was the idea that WERU would retain a free format and have room for everyone's musical taste. The way the Program Director's job is defined, room has to be made in the schedule for all types of music offered in the DJ's meeting. And that is where the students fail to represent themselves.  
In the DJ's meeting, the Program Director calls for the DJs to volunteer time for shows. The basis for whether or not they get a show is determined by the last time they

played (everybody deserves a shot), and if their show offers a mix from the rest. The accusation that we play "mostly progressive," is in the least, in my opinion, at least ignorant, if not slanderous. It insults the people who give their time to play Jazz, Reggae, Classical, New Age, Country and Heavy Metal (that being myself).  
The reason I refute these charges with such energy is because I am frequently confronted with similar complaints. I respond by saying that if they can offer a show that is so different in taste then they should present it to the Program Director, whom is then obligated to schedule it. Few of these people actually show up to volunteer.  
How expansive is the "free format" structure. Well, whether it would be Blue Grass, Lithuanian Polka, Burmese music, et cetera, if you can supply the music, we must program it.  
So in conclusion to this point I would like to state to this person who decided to remain anonymous, that if you feel that your musical taste is underrepresented to the student body, then come on up and play it. If you feel that this response doesn't cut it with you, then your complaint doesn't cut it with me. We can only play what people volunteer.  
In response to James Romano's letter, I understand how you feel. Four years ago we were pursuing a free air broadcast FM station, and there is little space on the dial. Also, the reason that we could not continue on this route is because its cost is in the range of six figures. Plus the FCC would give us hell to receive the licensing. In so far as free air AM, the cost would range among five figures. Carrier current is left to us for further reason as specified by the Administration. All of these points have been rigorously researched. Another reason we went to carrier current is because it takes relatively little money to construct

see Letters, page A6

**How does our library stack up?**



**Kerwin McKenzie**  
Copy Editor

As a Graduate student, research is synonymous with showing up for classes. Libraries are our best friends. At Embry-Riddle, the closest "friend" is the Jack R. Hunt Memorial Library.  
The library, built in 1985 and later expanded and renovated in 1988, houses 47,840 book titles, 55,182 volumes, 1,241 periodical subscriptions. In addition, there are 20,780 document titles (paper), 125,686 microfiche publications, and 5 CD-ROM titles. For a full fledged four-year college these resources are inadequate.  
A quick look at some of Florida's two- and four-year colleges shows Barry University, 500,000 vols. 10 CD-ROM titles; Bethune Cookman College, 135,988 vols., 965 periodical subscription; Daytona Beach

Community College, 80,000 vols., 519 periodical subscriptions; Florida International University, 877,771 book titles, 10,561 periodical subscriptions; Florida State University, 1,829,826, 18,843 periodical subscriptions.  
Stetson, 186,448 book titles (233,060 vols.), 35 CD-ROM titles, 4,135 periodical subscriptions; University of Central Florida (UCF), 418,000 book titles (603,000 vols.), 4,823 periodical subscriptions; University of Florida (UF), 2,966,891 vols., 27,999 periodical subscriptions.  
My alma mater, Hofstra University in New York, has 524,835 book titles (1,310,448 vols.).  
A quick definition; titles are actual book titles, while volumes, the number of actual copies of books in the library. Even with this definition, ERAU does not come close with its peers. Although we are an aviation college, our library holdings should not necessarily be restricted to aviation-related material.

Although most of the schools mentioned are larger than ERAU, if we want to compete for the graduate student population we must match up to our competition.  
What is noticeably missing from the library is a CD-ROM with a Psychology Abstract. Students are referred to the ones located at Florida Institute of Technology, UCF, or UF. On arriving at UCF, you must sign a roster for the equipment. Usually the roster is fully booked. If you need to use the facilities, get there early. No next day bookings are allowed.  
The library will find any book for you, as long as it is available elsewhere. This is done through the Inter-library loan program, which may take some time, however. If you borrow a book from any of the area libraries, you must return it on your own (because you borrowed it on your own). It is not the policy of our library to return books for you not borrowed through the inter-library loan program. Perhaps this is a service that Embry-Riddle should consider providing for its students.

The responsibility of providing library resources rests solely on ERAU's shoulders. Students should not have to venture off campus to find suitable research facilities. Not everyone can afford to add the cost of ascertaining research information to the already high cost of post-high school education. Perhaps some of the finances being spent on expanding the campus facilities should be spent on improving the library resources.  
I have often heard students and professors complain that the Jack Hunt Memorial library is too aviation oriented. It is time that ERAU's administration rectifies this problem.  
I have to close by saying that the library staff is extremely professional and helpful. On each occasion that I have used the library my search was successful.  
Writing this article was no exception; assistance was expertly provided by the research librarian. She was extremely helpful. If we just improved the resources maybe we would finally stack up.

**Student Forum**

**The Avion Asks: How can the library improve itself?**



**Sheldon Palm**  
Senior  
Aviation, Maint. Mgmt.

"They should include more business related magazines."



**Anssi Suominen**  
Senior  
Aviation Business, Adm.

"More international newspapers."



**Candy Evans**  
Sophomore  
A/C Eng. Tech.

"Build more study rooms."



**Raul Rosario**  
Senior  
Aero. Eng.

"Copier availability and access to computers."



**Stephen Haithcock**  
Senior  
Aero. Eng.

"... the upper floors are like a prison - add some windows."



**Raul Alex DeSolo**  
Junior  
Aviation Maint. Mgmt.

"For aviation related purposes... its great. Outside aviation...needs more info."

Photos by Kaj Tuunanen



Whoopsie



Last Thursday the intersection of Richard Petty Blvd. and Clyde Morris Blvd. was the scene of another accident. There were no reported injuries.

# Flight Dept. shows mercy on pilots

By Wayne Newby  
Campus News Editor

Pilots with flight related problems have, for a long time, been hustled around the Flight Department looking for someone to listen. This phenomena has been named the "Riddle Diddle." The Flight Department, to their credit, is taking the initiative to reduce the "Riddle Diddle" to a much more tolerable interaction.

John Phips, Chief Flight Instructor of the Daytona Beach Campus, came up with the idea of the Student Advocate Committee. This committee is composed of 5 members four of them are faculty members, and one a Senior Flight Specialist.

These staff members will be there to interact with students who have complaints, questions or suggestions. The main problem, according

to Bill Baker, is that the Flight Department is like a huge complicated machine that must take a very large number of students and schedule time for them to fly in a limited number of aircraft. This is just the very basic function of the flight department, inside a plethora of other mini functions complicate matters more, problems such as coordinating flight instructors schedules and managing the constraints imposed by the weather, not to mention the piles of paperwork that moves sluggishly from one desk to another.

In this environment a student may find his or herself feeling like a number that has been skipped. For students feeling this way, The Student Advocacy Committee gives advice as to whom they should speak.

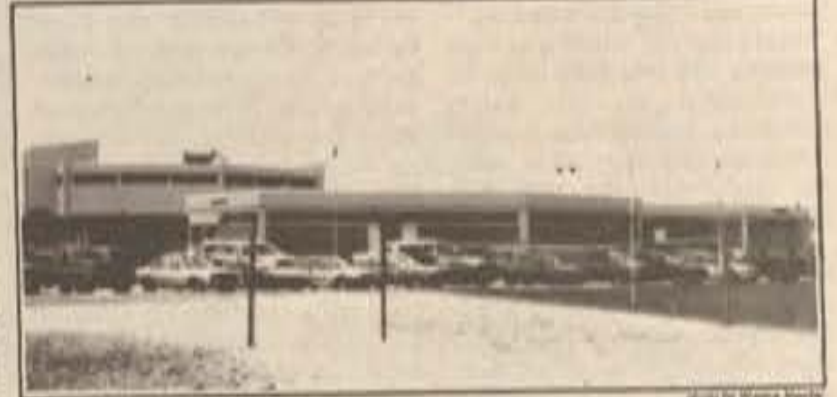
Often, says Baker "when a student perceives an injustice it is often a

misunderstanding." These misunderstandings can be resolved very quickly if a student can find someone knowledgeable of the bureaucracy who has time to listen.

Baker says that "students sometimes have outstanding suggestions".

and goes on to say that it is difficult at best to gain a clear idea of how to improve flight services without these suggestions. The problem in the past has been finding someone to

see Flight, page A7



Students often get lost in the shuffle when they are in this building. The Student Advocacy Board will ensure that students in need of a "friendly ear" are not disappointed.

## Maxine Kilgore speaks for Women in Aviation Week

By Amy Vidovich  
Staff Reporter

During last week's celebration of Women in Aviation Week, Maxine Kilgore spoke on Wednesday the 17th at 2:30 pm. in the Student Center Conference Room.

Kilgore graduated from Embry-Riddle last April. She currently works as an Operations Agent at Daytona Beach International Airport.

Kilgore spoke about mainly about her college experience and what she did in order to get where she is now. Kilgore graduated with a Bachelor of Science in Aviation Business Administration and an impressive GPA of 3.89.

While at Riddle she was involved with the Board of Trustees and the Self Study Committee where she was responsible for critically analyzing departments within the school for accreditation by the Southern Association of Colleges and Schools.

She was also the President of the Student Government Association for one year. She also served as a student assistant for the Provost Office.

Kilgore was a member of the American Association of Airport Executives (Student Chapter). She belonged to Future Professional Women in Aviation and was a Youth Motivator for underprivileged children.

She was also a member of Theta Phi Alpha Sorority and served as Vice President for two years. She was inducted into Omicron Delta Kappa in 1990.

A major stepping stone within her college career was the Co-op she received as an Operations Assistant at Philadelphia International Airport. She stated that, "it is much easier to get a job when you have a job."

With the resources available to her while on the Co-op, Kilgore began researching airports, because that is where she wanted to work, while in college.

After Kilgore had narrowed it down to about twenty airports. She



Maxine Kilgore

considered such things as climate, taxes, and familiarity with the area. She advises students to do the same.

Sending out mass amounts of resumes, according to Kilgore, is not always the best way to go about obtaining a job. She chose a few and was persistent in calling for a response and making sure they had received her resume.

Kilgore also described what type of questions were asked of her at interviews. She told students that

see Kilgore, page A6

### Alumni Profile:

## Anthony DaSilva, Vice President of Lynn Insurance

By Amy Vidovich  
Staff Reporter

Anthony DaSilva, a 1973 graduate of Embry-Riddle, now holds the title of Executive Vice President and Chief Operations Officer at the Lynn Insurance Group in Boca Raton, Florida.

DaSilva graduated with a degree in Aviation Maintenance Management.

DaSilva currently serves as an advisor at Lynn University and played a major role in the development of their soccer program which has won two NAIA championships.

DaSilva arrived at Riddle in 1969 with hopes of becoming an engineer, but later decided against it. He was involved with our soccer team while here. DaSilva was also involved with the Greek System as a member of Alpha Eta Rho.

DaSilva says, after two years, "I felt a need for a more professional atmosphere, so eleven other young men and I got together and contacted Lambda Chi Alpha." The fraternity provided guidance and leadership along with camaraderie for DaSilva. He stated that the fraternity was helpful later in finding a job.

DaSilva was Lambda Chi's first High Kappa and their first ritual was held at the President's Residence. "The library was only a trailer and there was no Career Center. I sneek into a career week at another college to see what it was like," DaSilva said. After graduating from Riddle he was hired with Eastern Airlines.

However, two weeks prior to his start with Eastern they went on strike. DaSilva's wife was an admissions counselor at Central Florida University at the time and he enrolled in some insurance courses. He worked for subsidiaries for the Lynn Insurance group as an underwriter before receiving his present position.

DaSilva has been working for the Lynn Insurance group for twenty years now and is proud of the service he has provided them.

He is very satisfied with the organization and its employees. The company has 35 district and sales offices located throughout the continent. Five of those happen to be in Canada.

DaSilva is approximately nine hours short of his masters. He has been taking night classes, however, his need to travel creates conflicts with those classes.

DaSilva stays in contact with the University through Harry Jennings, who is a Public Relations Director here at ERAU, and will be visiting on Monday.

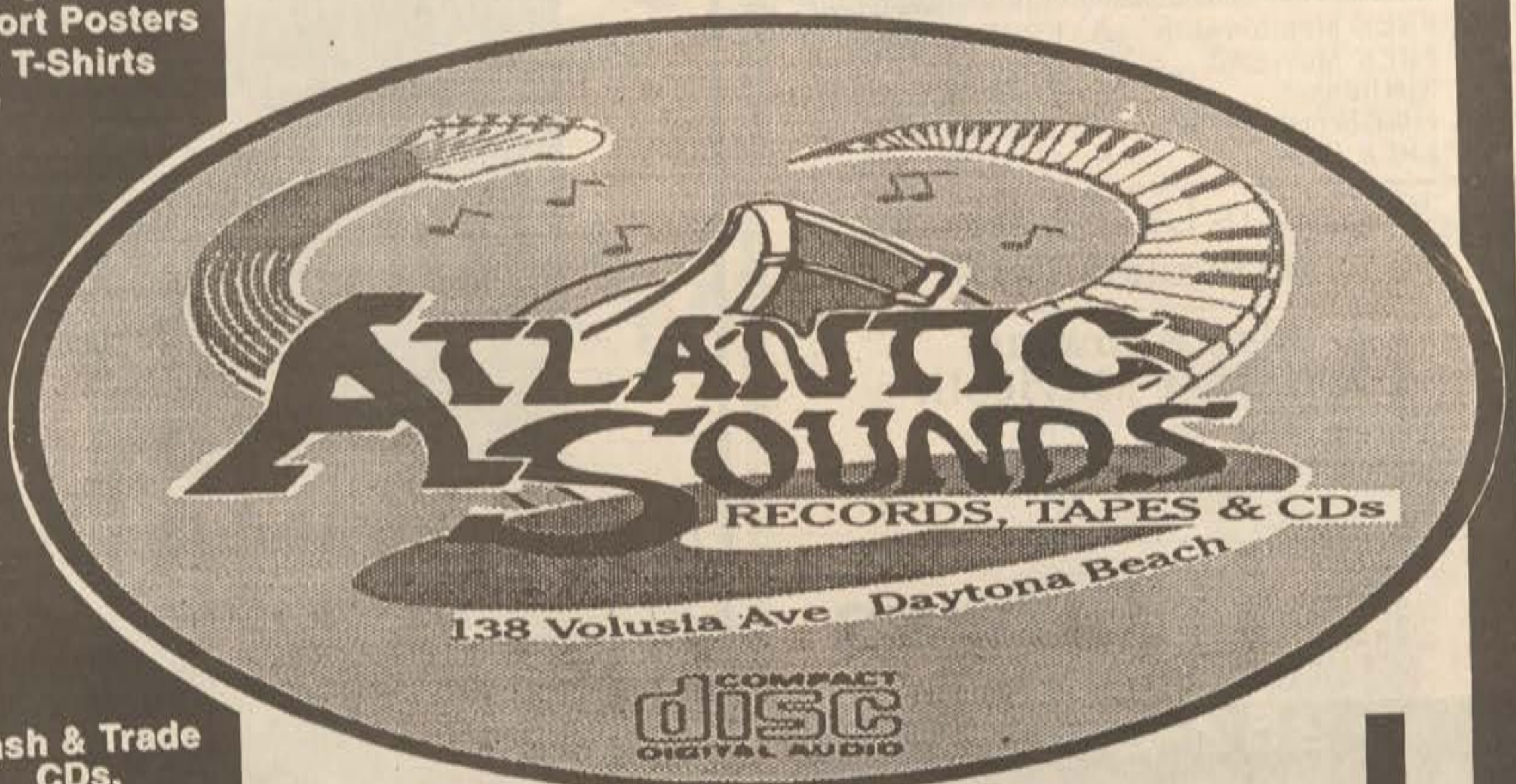
DaSilva would like to be involved with the athletic programs to help build the kind of tradition which has been established at Lynn. DaSilva has not been involved with aviation for sometime.

He did help in the purchase of a Learjet 55 for Lynn Insurance and does fly in it often. DaSilva's advice to current students is, "Once you know what you want to do, stay with that vision. Dedicate yourself. Education does not stop once college does." DaSilva suggests the need to be flexible when looking at job opportunities and setting goals. "Success depends on you," he said.

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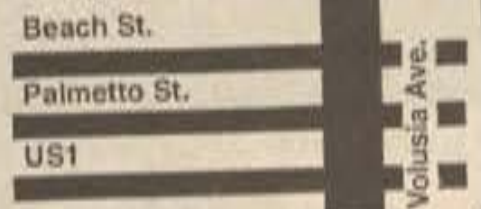
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# Renowned comic Rod Machado speaks to pilots

By Todd Engelman  
Staff Reporter

The Flight department sponsored a seminar last Friday by Rod Machado, an internationally known speaker, educator, humorist and author with degrees in Aviation Science and Research Psychology. Machado is also a Flight Instructor with over 8,000 hours. He toured with the Air Safety Foundation, national FAA Accident Prevention Counselor and he writes for Flight Training and IFR Magazine.

Machado has several extremely helpful video tapes, an audio tape series, and a book that relates to various aspects of flying. These tools along with his unique comic style, are used to teach people to fly their aircraft rather than just being systems monitors. He also has lecture series ranging from weather to instrument flying, and is currently on his "Handling Inflight Emergencies" tour.

Machado uses his comic style and many funny stories to teach many principles of flying safely. In his presentation in the Student Center, he always kept the audience laughing, but at the same time he was able to convey many important points in flying.

He said that he enjoys speaking and being able to help other pilots fly safely. He also does not worry about boring his audiences because, as he puts it, "10% of an audience listens to the speaker, 66% are having sexual fantasies, therefore at least 2/3 of his audience will have a good time!"

He told the students of his love for instructing and feels he learns more from watching his students make mistakes rather than by flying the planes himself. He also feels more challenged by small planes than by big ones. He said, "In a big plane you always have lots of power to get out of most problems. In a little plane you have to think around obstacles (mountains, weather, your student, etc.)."



Rod Machado uses humor, his experiences and education to make learning about flight just a little more fun.

He says pilots "should always ask a lot of questions when they fly. Playing the 'What if...' game is a great way to prepare for the unexpected. Also, pilots need to have an ongoing internal dialogue - 'How am I feeling? How's the plane doing? How is the environment?' These things can eliminate most problems except for acts of God."

Last Saturday morning, Machado

gave his "Handling Inflight Emergencies" seminar at the Indigo Lakes Hilton. This seminar was much more detailed than his Friday evening talk in the Student Center and helped qualify pilots for the FAA "Wings" pilot proficiency program. This seminar covered the subjects of airframe problems, flight

see Machado page A7

## Campus News briefs and notices

### Mandatory meeting notice for seniors with Perkins/NDSL, REAL, STAFFORD/GSL

If you were awarded student loans as part of your financial aid package while in attendance at Embry-Riddle, Federal Regulations require that you complete an Exit Interview prior to leaving the University. For those students who received moneys from the Stafford/GSL programs ONLY, a separate Exit Interview session will be scheduled through the Financial Aid office. Further information will be provided at a later date for these students, or you may call the financial aid office for further details. However, if you are a recipient of the Perkins/NDSL or REAL loan programs alone or in conjunction with a Stafford/GSL, you are required to complete the EXIT INTERVIEW conducted by the University Collections Office.

Please contact the university Collections Office at 226-6230 to schedule your appointment for an EXIT INTERVIEW. All of the sessions will be held in room 114 in Spruance Hall.

### Schedule For Current Semester Meetings:

Wednesday, March 31, 1993 at 10:30 a.m. and 3:30 p.m., Thursday, April 1, 1993 at 11:00 a.m. and 4:00 p.m., Monday, April 5, 1993 at 9:00 a.m. and 2:30 p.m., Tuesday, April 6, 1993 at 10:00 a.m. and 3:00 p.m.

### Attention April Graduates...

The final meeting for April graduates will be held in the Student Center at 8:00 p.m. on Monday, April 5, 1993. Since there is no rehearsal for Graduation, it is very important that you attend. Important details pertaining to Graduation will be reviewed. Voting for the Faculty & Staff Appreciation Award will be conducted.

The Senior Class Council will also have class T-shirts for sale after the meeting, while they last. If the demand is high, additional shirts may be reordered and can be purchased at cap & gown pick up.

If you are unable to attend, please stop by the Student Activities Office in the Student Center.

### Golf Tournament

The Department of Intramurals & Recreational Sports invite participants to take to the links in its semesterly golf outing set for Saturday, April 3rd. The four (4) person scramble tournament will be held at Daytona Beach Golf course, South, with an 8:30 a.m. shotgun start. Deadline for signing up with your cash payment of \$16.93 is Thursday, April 1st at the "Friendly Neighborhood Intramurals & Rec Sports Office." Call ext. 6530 if you need any further information.

### Student Leadership Development Program

The application deadline for the SLDP is this Friday, March 26, and applications may be obtained from the Student Activities department located in the John Paul Riddle Student Center. For more information contact: Mr. Paul Bell, Assistant Director of Student Activities, at (904) 226-6039.

### Peer Mentoring for Student Success

The Student Success Center is accepting applications for Peer Mentors for the Fall 1993. Deadline to apply is Friday, March 26 at 5 p.m. Applications are available in the Student Success Center in Modular Facility #1 next to the Engineering building.

For more information call the Student Success Center at (904) 226-7073.

### Attention Ladies!!!

In order to end the celebration of Women in Aviation Week there will be a women's retreat this weekend. It will take place at the KOA Kampground in St. Petersburg. The campground facilities will include three hot tubs, bike and hiking trails, fishing docks and a large pool. The cabins are air conditioned and shopping is in the immediate area. The total cost for the trip including transportation is \$10.00. However, there is a limit of 40 girls permitted to attend. So, if you are interested please leave your name and phone number in the student activities office!

# Local counties apply for foreign trade zone status

By John Luke  
Staff Reporter

In a move to spur local economic growth, Volusia County has applied to the U.S. Commerce Department for general-purpose foreign-trade zone status for five sites located in Volusia and Flagler counties. John J. DaPonte, Jr., Executive Secretary of the Foreign-Trade Zones Board, held a public hearing last

Wednesday, March 22, 1993 for federal and public review of the application. His board will recommend action to the U.S. Commerce Department.

Dr. William Motzel, Vice President of Special Projects, took President Sliwa's place in representing the University because Dr. Sliwa was called to Arizona on University business. Motzel said, "Volusia County has chosen to market itself as the High-Performance Address to the interna-

tional business community. This is based upon the heritage of the Daytona Speedway, Embry-Riddle Aeronautical University, GE Aerospace Systems and related businesses in automotive, aerospace and boating areas. All of these business sectors have important implications on the balance of trade for the U.S. In order for these businesses to be competitive, now and in the future, easy access to foreign markets is essential."

Motzel said that Embry-Riddle recognizes the significance of aviation and aerospace as "the number one contributor to the balance of trade in the U.S." Motzel said that businesses in this vital area not only have a large volume of sales in foreign markets and Embry-Riddle is aggressively seeking to strengthen and attract foreign based businesses to the Daytona Beach area. Motzel concluded by stating, "The foreign trade zone is an essential leverage point" for Embry-Riddle.

The input from several other local businesses were also taken at the public hearing. All testimony's were in support of the implementation of the Foreign Trade Zone. Many companies announced that several hundred jobs would be created if this zone were allowed.

Basically, five sites are being proposed to be allotted in Volusia and Flagler Counties. DaPonte

see Zones, page A6



The Foreign Trade Zones Board will suggest action to the U.S. Commerce Department based on public and federal review of the application.

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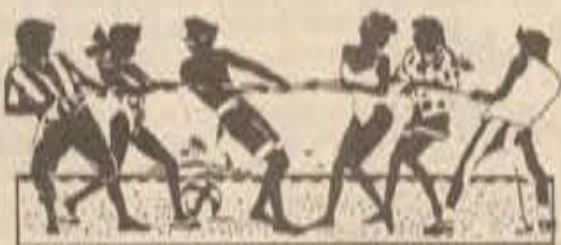
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# Spring Break



PHOTOS BY JASON PIPER





**Sports Shorts**

**Golf**

The Palm Coast - Embry-Riddle Invitational Golf Tournament played this past weekend was an unqualified success. Played in a variety of weather conditions ranging from strong winds on Friday to rain combined with a little sunshine Saturday and Sunday. This event saw exceptional golf played by several of the 25 schools participating.

Winning the tournament was Brevard Community College shooting a four man total 297 in Friday's strong wind, a 300 Saturday and a tournament record 279 on Sunday. Methodist College, the 1991-92 NCAA Division III National Champions were second, 24 strokes behind followed in third place by Lynn University and in fourth place by Last Year's winner, the University of Louisville. In all, 16 of the 25 teams playing were NCAA Division I teams.

Jim Dryden led the Eagles to their 20th place finish with a 237 total. Dryden was followed by Paul Adam at 240, Rocco DeFrancesco with 250, Brian Jaquet with 251, and Chris Tetler with a 253.

Coach Dick Bryant was pleased with the team's performance, especially with the steady improvement from a first round 336 to a last round 311.

The final event of the year, the NAIA District 7 championship will be played at the Oak Bridge Club in Ponte Vedra, Fla. on April 5-6. Of the seven teams in District 7, North Florida has qualified for the National Championship with Lynn and Nova both having the talent to also qualify.

The Eagles, coming off their best tournament of the year, are not conceding a thing. In this last college tournament for Adam, Dryden, Tetler, and DeFrancesco, the Eagles will be going all out to be number one.

**3/3 Volleyball Results**

Chili Peppers 2  
Sudden Impact 1

Sandscratches 2  
Deflection 0

Izzy Bagurk over  
Bad boys

Stale Wool 2  
Slackers 0

Sudden Impact 2  
Lambda Chi 1

Sandscratches 2  
High Exposure 0

Bad Boys  
Side Out (double forfeit)

Slackers 2  
Zero Tolerance 0

Sigma Chi 2  
Zero Tolerance 0

Chili Peppers 2  
Lambda Chi 0

Stale Wool 2  
Deflection

High exposure over  
Side Out

T-17 over  
J.R.C.

Sandfleas 2  
Team Champion 0

Izzy Bagurk 2  
Minus 0

Corner shot over  
T-20

T-17 over  
T-20

Team Champion over  
J.R.C.

Sandfleas 2  
Corner Shot 0

Sigma Chi 2  
Minus 0

**Floor Hockey Results**

Random Violence 2  
Dirt Chickens 0

**5/5 Basketball Results**

GBWB 33  
Sigma Chi 15

Rim Shakers 36  
Showtime 35

Air Jams 31  
R.C. Again 35

Bombers 37  
Fab Five 17

Flyin Hymies 39  
Ballhoggers 33

Mudskippers over  
Mohicans

**Basketball team passes time in Idaho**

By Keith Towers

The Embry-Riddle basketball team was very fortunate to have been invited to attend the NAIA Division II national tournament in Idaho two weeks ago and showed their appreciation by acting as goodwill ambassadors for ERAU.

Greeted by a group of about 35 people from West One Bank at the airport in Boise on March 9, the team was pleasantly surprised by the support and appreciation that was shown right away.

Every team playing in the tournament was sponsored by a local business, organization or family. The Eagles were sponsored by West One Bank in Nampa, which is part of a chain of banks in the western U.S. whose assets total \$7 billion dollars. The size of the bank did not affect the hometown atmosphere shown by honorary coaches Allan Mullins and Jim York. Both work for West One and were happy to get some time off from their regular routine.

"The whole team is a classy bunch of guys. We had a great time showing them around and when they lost the second round game, I was surprised to feel my heart in my throat," stated Mullins.

June and Allan were allowed to sit on the Eagles' bench during games and were responsible for showing the team around town when they were not playing, practicing, or studying. They did an admirable job at showing the team the Boise area and being just all around gracious guests.

The day after the team arrived, they practiced at a local high school for about an hour. The practice was impressive as the team worked hard and got to loosen up from the flight by dunking often and hard. Some of the students at the high school watched the practice in awe at some of the Eagles' jumping ability.

The practice also revealed that a fast break drill called 11-man brings out the animal in senior Trent Kowalski. "He loves the drill because no fouls are called and there is no out of bounds, he just gets to throw his body around," said

Student Coach Eric Willis.

After the practice, the team visited the site of the tournament, the Northwest Nazarene College Montgomery Fieldhouse which holds about 3500 people. The facility was recently renovated and looked quite impressive to the Eagles. There was also a hospitality room for the press and coaches which was always well-stocked with refreshments adding another touch to the good treatment received by everyone involved.

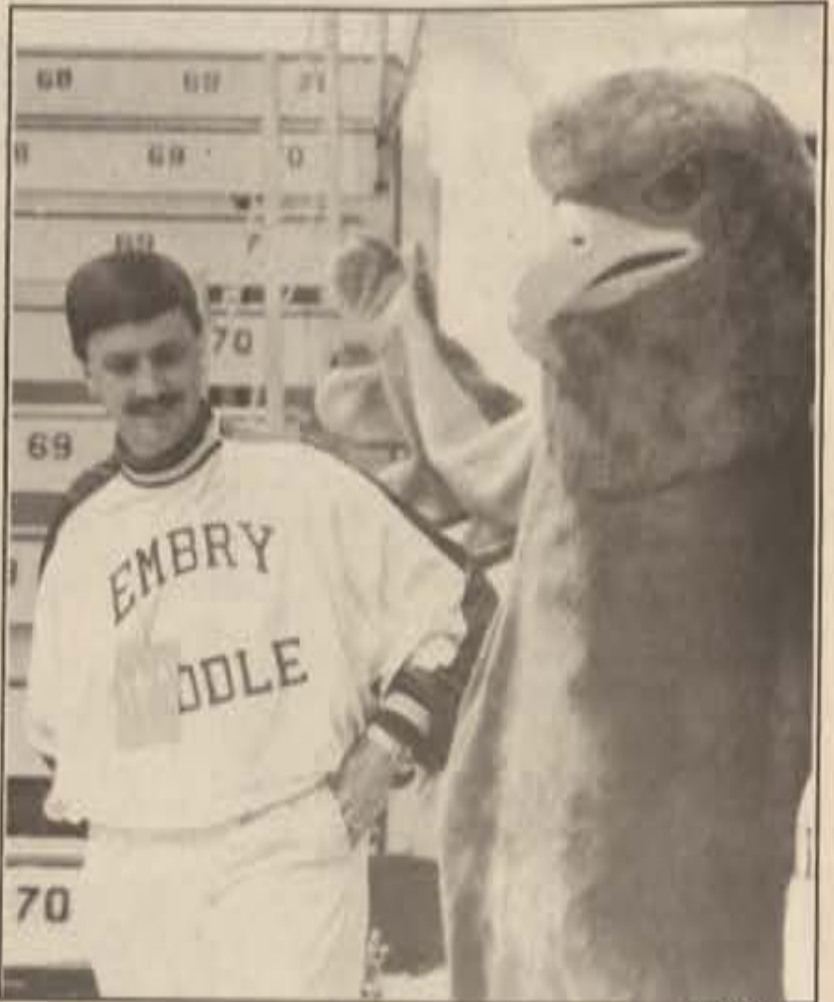
The team then prepared for a pre-tournament banquet which would serve about 900 people a prime rib dinner. The banquet was well organized and well run as the Governor of Idaho, Cecil Andrus, the Mayor of Boise, Brent Coles, and the Mayor of Nampa, Winston Goering all spoke to the crowd of players, coaches, and fans welcoming them to their part of the country.

The next day, the team geared up for their first game by shooting around and then visiting three local branches of West One Bank. The banks were decorated in blue and gold and all of the employees greeted the team warmly.

"The cream's rising to the top and I think they're all here in Nampa," stated the man who would be the Eagles' temporary mascot, Elliot the Eagle. Elliot may not have been as colorful as Erau, but his heart was all gold as he helped the cheerleaders lead the crowd in spurring on their Eagles.

The good feelings continued as the Eagles won their first game, but did not have much time to relax as they had to participate that night in the Parade of Champions. The organizers of the event had all of the teams introduced and then walked out on to the floor of the gymnasium. The twenty teams, along with coaches and referees, spelled out NAIA in forty foot long letters. Highlight films of the teams were then shown, but some mistakes were made as to what some of the highlights were of.

The next day, Friday, saw the end of the season for the Eagles as they lost the second round game. Immediately following the loss, the team was depressed, but they real-



Elliot the Eagle, a loaner mascot, stands with honorary coach Allan Mullins.

ized they were just lucky to attend the tournament and all members took the loss in stride. The season was one to remember for seniors Trent Kowalski, Al Tyler, and Kris Shanahan. It was especially good to Sean Hester who broke many school records and just had an amazing last season as an Eagle.

"At first you just want to come to the tournament, and then you want to just win that first game in the tournament, and then you say 'We just want one more win.' It's the old saying you give an inch, and we take a mile," said Willis. "We would not have been totally satisfied unless we won the whole thing."

Later that night, however, the Eagles saw district foe Webber College fall in the first round against Albertson College of Caldwell, Idaho 79-68.

Eagles Head Coach Steve Ridder was not too unhappy with the result as he has some bad blood with Webber from the past.

"A couple of years ago they caught one of their kids who was smoking dope. They kicked him off of the team like they should have, but then two months later, they brought him back on the team just in time for the district playoffs. I'll tell you, if that's what college athletics is all about, I'm missing the boat," stated Ridder about the questionable way the Webber administration handled the case.

Obviously, Ridder feels drug abuse is much worse than demanding just a two month suspension from playing basketball.

see Hoops, page A7

**Kilgore**

(continued from page A3)

they were not looking for a 4.0 but a well-rounded GPA whose involvement in school activities showed leadership skills. Kilgore handed out informative sheets from the Career Center. She advised current students to go to the career center even if they weren't a senior and take a look at co-ops and internships in order to set future goals for themselves. The competition is tough for these co-ops, so "It is important to get a good start," she said. Kilgore ended with a brief question and answer period.

**Letters**

(continued from page A2)

and we would not have the power to interfere with the airport. In approximately one year we have the potential to extend to PM cable.

Although I refute the unnamed student's comment vigorously, by no means should the student body get the impression that we do not welcome comments. We are here to serve the student's interest.

Joseph Perrino  
Information Program Director,  
WERU

**Dr. Althouse**

To the editor:

I am writing this editorial to inform the students of Embry-Riddle of a very gifted professor. His name is Dr. Althouse. He has a PhD in law and teaches in the humanities department. He is a fabulous teacher and I would recommend that every Riddle student take him for at least one class.

Dr. Althouse does a tremendous job teaching students English and literature, but what makes him outstanding is the invaluable lessons that he teaches his students about life. After receiving his PhD in law, Dr. Althouse worked professionally in the judicial field. He uses his professional experience to teach his students about the real world. The political, professional and cutthroat world that some Riddle students

**Sliwa**

(continued from page A2)

rooms in Spruance Hall and the creation of the Aerospace Studies degree program are just a few of the great accomplishments which would not have been possible without the superior leadership skills of our great president, Dr. Steven Sliwa.

Furthermore, Dr. Sliwa has launched the largest strategic management process ever at Embry-Riddle. I don't think the Prescott campus and some here at the Daytona Beach campus are giving President Sliwa a fair shake and the respect he deserves. This is a shame. I think that the worst thing we could do is extinguish his drive and energy just because we don't agree with everything he does or even thinks about.

hope to enter after they graduate. His class lectures range anywhere from how to write an abstract to how to handle office politics. This keeps the students' attention and enables them to learn about things that they consider to be important.

Dr. Althouse lectures well, presents material well and keeps his classes interesting, but by far his most powerful teaching weapon is his ability to teach young college students how to think for themselves. He opens up a bright new world for many young closed minded students, which is something I think Embry-Riddle desperately needs. Every time I sat through one of his classes, it was like taking a breath of fresh air from the usually dry statistical classes that overwhelmed my schedule. He teaches students that learning shouldn't be a chore, it should be a privilege.

At the beginning of the semester, most students have a difficult time understanding Dr. Althouse and his methods. But by the end of the semester, they not only begin to understand and appreciate Dr. Althouse, but they understand more about life than they had ever hoped.

In conclusion, if any of you (students) have a chance to take a class taught by Dr. Althouse, no matter what time the class is being offered, take the class. It will be best choice you have ever made. If you care, he will care.

Chris J. Roth  
9200 Broadwater Dr.  
Galithersburg, MD 20879

The Prescott campus seems to think they're getting a raw deal whenever anything gets done because they are a thousand miles away when important decisions are made. But, those people out there need to chill out, smell the roses and stop taking so many stupid pot shots at Dr. Sliwa just because they do not want to move their spoiled little butts to Phoenix. I have a message for the Prescott campus, Dr. Sliwa is not playing with your money, on the contrary, he is leading our University in an excellent manner!

A lot of people across this campus almost lost it in January when President Sliwa ran a test with the Admissions department to gauge response to changing the name to Embry-Riddle University. Also, Dr. Sliwa has not decided to move the

**Zone**

(continued from page A4)

explained:

- the process now allows for the record to remain open for 30 days from the public hearing,

- when the record closes businesses involved in the zone should work with Customs to prepare for the zone's starting,

- the zone would be decided upon within 9 months or so and that if the Counties want a speedier process, and

- that they would have to request that in writing after the record is closed. An economic need is required to allow for quick action.

- the absence of opposition to the new zone means that it will be easier and quicker in implementation, and
- political opposition may cause delays in starting the zone.

However, the public hearing ended with many commenting that a petition to expedite the zone would be forthcoming.

**Yearbook**

(continued from page A1)

"We are a lot more organized now," Crawford said. "It's all personnel, planning and doing things early. It all comes down to having a core staff who is capable and able to do the work."

Crawford concluded, "We have really just stuck with the basics while adding trendy elements. We have gotten more students involved in the book than we have ever had in the past."

Last year's book, "Dare to be Different," is still being sold by the Phoenix for \$24.50 because some copies were not picked up by those who ordered them last year.

Phoenix will be selling yearbooks Wednesday March 24 until Friday, March 26 from 11 a.m. to 2 p.m. on the Flight Deck in the Student Center, according to Crawford. This year's yearbook also costs \$24.50 and this will be the last chance to order this year's book.

The Phoenix Yearbook office is on the 2nd floor of the John Paul Riddle Student Center.

Remaining members are proud and motivated by this award of excellence. Yearbooks from around the southern region of the country were involved and the Phoenix came out on top.

Please donate

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WITH PURCHASE OF ANY  
LARGE SUB  
FROM 3-6PM

Expires 3/31/93

LARRY'S  
COUPON  
\$.75 Off  
Large  
Sub-ERAU

NOT VALID WITH SUB CARD  
Expires 3/31/93



# Secretary of Education expedites race based scholarships

By John Luke  
Staff Reporter

Richard W. Riley, Secretary of Education, told *USA Today* last week that he supports race based scholarships. He called for quick approval by his Department concerning the allowance of these scholarships.

Race based scholarships are designed to make up for the "inequities" of the past in terms of funding for minorities in higher education. The Democratic party has been a main supporter of race based scholarships.

Embry-Riddle participates in federally assisted programs which would be affected by the Department of Education's decision in this regard. With a growing population of minority students, the University wholeheartedly feels that these new forms of federal assistance would be an overall benefit to all students.

Dr. Steven M. Sliwa, president of Embry-Riddle Aeronautical University, said, "Of course we support the involvement of minorities and women in aviation because they are so underrepresented." Sliwa said that these increases in federal spending would be beneficial in

allowing minorities to get into higher education.

But Sliwa did point out that Embry-Riddle would not make the decision to allot its own scholarship funds in a race-based format. Embry-Riddle's scholarships would remain unaffected because they are controlled in-house.

Riley said in a letter to University Presidents, "... The Department will give this issue the careful study and attention that it deserves, and bring our review to a conclusion so that we can issue final policy guidance." Riley has asked the General Accounting Office to expedite their research concerning these scholar-

ships so that the Department of Education may issue a final policy decision.

"There is no need to make any changes to your student financial aid programs in anticipation of the Department's final policy until the General Accounting Office could complete a study of this issue," wrote Riley.

Making education available to a "diverse population of Americans" is Riley's goal as he writes, "I believe race-based scholarships can be a valuable tool for providing equal opportunity and for enhancing a diverse educational environment for the benefit of all students."

Democratic majorities in both houses of congress coupled with a Democratic presidency will most likely enable quick action once the Department of Education makes its recommendations.

This process started in early 1992 when the Department of Education initiated a study on the feasibility of these scholarships. Now that the White House is controlled by Clinton, the nature of the project has shifted and Riley is now calling for swift action on race-based scholarships.

Race-based scholarships call for funds to be directed solely to minority and women groups.



President Steven Sliwa

# Egyptian cleric denies involvement in World Trade Center bombing

'... I'm not responsible,' says Muslim spiritual leader and claims no knowledge of two other suspects.

NEW YORK (AP)— Breaking two weeks of silence, a Muslim cleric whose name has surfaced repeatedly in the probe of the World Trade Center bombing denied any role in the attack and said he doesn't know the suspects under arrest.

Sheik Omar Abdel-Rahman preaches at a Jersey City, N.J., mosque where two of the suspects worshipped.

"I had no knowledge of this explosion and I'm not responsible for it," the blind Egyptian cleric said on ABC's "Primetime Live" Thursday, one of four back-to-back interviews. "I came to America as an immigrant in order to attack the Egyptian regime. It doesn't stand to reason that I would like for the place in which I live to be unsafe."

Also Thursday, one of the twin 110-story towers, shut since the Feb. 26 blast, was partially reopened, with Gov. Mario Cuomo the first to return.

After inspecting his 57th-floor

office with a white handkerchief, he pronounced himself amazed by the speed and thoroughness of the cleanup.

"I will report to my people that they are free to come back and it will be safer than before," he said.

Egyptian authorities say Abdel-Rahman, 55, is the spiritual leader of a violent band of fundamentalists that wants to overthrow the Egyptian government and install an Islamic regime.

The sheik was on a U.S. list of suspected terrorists but was mistakenly allowed into the United States in 1990 and has preached at a mosque attended by two men of Palestinian descent who have been indicted in the bombing, Mohammed Salameh and Nidal Ayyad.

Asked about them during the interviews in Los Angeles, the sheik, speaking through an interpreter, denied knowing them or another suspect still at large, Mahmud Abouhalima, identified in news reports as his driver and assistant.

"I never had a car so he couldn't drive for me," Abdel-Rahman said on CNN.

Abdel-Rahman also said he didn't know Ibrahim Elgabrowny, charged with obstruction of justice in the bombing case, or El-Sayid Nosair, now jailed on charges connected to the assassination of anti-Arab extremist Rabbi Meir Kahane,

Nosair has come under new scrutiny because of his connections to the bombing suspects.

"The FBI was asking me before about Nosair's case," Abdel-Rahman said. "I told them I don't know him. I'm not obligated to verify everyone's identity when they come pray behind me." He also spoke with *Al-Hayat*, a London-based Arabic daily and KCAL-TV in Los Angeles.

He accused the American media of being "controlled and racist." "They showed my picture hundreds of times accusing me of being a terrorist and to reach, to accuse, Islam through that with terrorism," he said.

When asked "Why is it that everywhere you are people end up dead?" the sheik told ABC: "We can never call for violence. We call for love, forgiveness and tolerance. But if we are aggressed against, if our land is usurped, we must call for hitting the attacker and the aggressor to put an end to aggression."

Through his lawyer, Abdel-Rahman previously had denied involvement in the bombing.

Rahman also had not made any public comments since the blast that killed six people and injured more than 1,000.

On Wednesday, Abdel-Rahman was ordered deported by a U.S. immigration judge in Newark, N.J. The proceedings were not connected to the bombing.

But according to *The Star-Ledger*



Police and fire departments are still clearing rubble from the garage underneath the World Trade Center, where a terrorist bomb caused extensive damage.

of Newark, U.S. Immigration Judge Daniel Meisner said in his sealed order, "There are reasonable grounds for deeming the applicant to be a danger to the security of the United States." The judge said Abdel-

Rahman's followers in Egypt were involved in the 1981 assassination of President Anwar Sadat and other "spectacular terrorist activities."

The Immigration and Naturalization Service sought the sheik's

deportation because Abdel-Rahman did not disclose that he is a polygamist and that he was convicted of falsifying a check in Egypt. His lawyer said he will fight deportation.

## Hoops

(continued from page A6)

Wrapping up Friday's activities was a trip to Chairman of the Board of Trustees at Embry-Riddle Edward Stimpson's Boise home. The team, parents, cheerleaders and all involved in the trip attended the dinner in the mountainside home. The Eagles were well fed and some nice words were exchanged following the dinner.

"You guys have shown what Embry-Riddle is all about and have helped put ERAU on the map. We're proud of what you've done and we know next year you'll be back," stated Stimpson.

Coach Ridder reciprocated the good feelings by thanking the host for their hospitality on such short notice. "I think we've lived up to our

expectations by fulfilling our goal of being a class act."

The next three days were spent trying to leave in order to get back as soon as possible to miss as few classes as possible. This plan was foiled as the "blizzard of the century" hit the east coast which backed up air traffic for two days. Instead of flying back, however, the team ended up trying downhill skiing. Many team members had never even seen snow before. Bowling was also on the agenda as the team tried to keep boredom away as they were stuck with no way to get out. Mandatory study halls also kept the players up with their school work while the days passed.

"I hope it was a positive experience," stated Assistant Basketball Coach Joe Cambron after the entourage returned.

Positive is the correct word for the first class treatment ranging from the quality of the motel to the three vans provided to the team free of charge. In the NNC gymnasium, an attendance record of 4200 was set and more people attended the NAIA tournament than attended the Big Sky tournament taking place at the same time. The Big Sky tournament is an NCAA Division I event to decide who goes to their national tournament.

To answer Cambron's question, it was a positive experience and next year the Eagles will be poised for a legitimate shot at the national tournament title. Hopefully it will be held in Nampa again as there was not one major flaw in the treatment of the teams, the first-class facility and last but not least, the overwhelming hospitality.

## Machado

(continued from page A4)

control failures, inflight fires, electrical problems, emergency landings, and many others. This four-hour seminar helped instill confidence in the design and survivability of both aircraft and the people that fly them.

A few simple points to keep in mind, according to Machado: If something sounds or feels wrong, it probably is, and if you do something that causes something bad to happen, fix it and don't do it again. He said that the most important thing is that a pilot exercises common sense.

## Flight

(continued from page A3)

hear the idea that can efficiently navigate the twisting channels of the Flight Department. When students have complaints, the Student Advocacy Committee is on the students side, and according to Baker "will be receptive to the problems that students are facing within the Flight Department...and will provide anonymity if appropriate, so that they will not be reluctant to seek assistance when it is needed."

In order to schedule an appointment with an advocate, call extension 6800. A receptionist will provide a date and time for students to visit with an advocate. Both male and female advocates are available and students are allowed to be specific with their requests, if necessary.

## Food

(continued from page A1)

Himes also stated that "I figured students would still order Domino's."

Robert Rockett, Dean of Student Affairs, worked with Himes in planning the changes. Their goal was to try and satisfy the students and to improve campus life.

The Taco Bell Express will serve 60% of the regular commercial menu and will be available for cash and custom card purchases.

The Taco Bell will also have a convenient walk up window outside of the building, which was an idea given to Himes by Rockett.

The walk up window is designed to allow students to get their food fast and to enjoy it right here on the campus.

The sub shop is a creation of Mr. Himes and the menu will consist of 10 cold and 3 hot sandwiches.

Himes says "I am committed to customer satisfaction," and he backs up that claim by planning to serve subs at the sub shop larger than those served at Subway sub shops.

He plans to start with a larger fresh baked bun. Instead of a 6 and

12 inch variety he will serve 7 and 14 inch varieties.

Along with the larger bun he plans to put 25% more meat on the subs than Subway sub shops.

The sub shop will be available for cash, custom card, and meal plan purchases.

The tentative tray load will consist of a 7 inch sub, 2 12oz. coke products, and one side item.

The sub shop is scheduled to be open Monday through Friday 11 a.m. to 5 p.m., and Taco Bell Monday through Friday 11 a.m. to 11 p.m. and also Saturday and Sunday from 4 p.m. to 10 p.m.

Along with the new additions, Morrison's plans to feature its Hot Wok Cafe daily inside the Food Court.

The money for the new projects will come from Morrison's. The president of Morrison's approved the changes and allocated \$90,000 for the project.

Approximately \$35,000 of the money will be used for the Taco Bell and the remaining \$55,000 is to be utilized for the Aviator Sub Shop.

There are no plans to use any university funds and students shouldn't see any immediate increases in their food service prices.



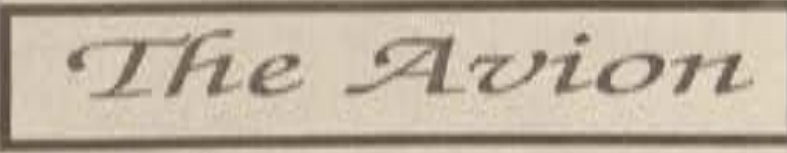
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# Clinton proposes students pay for college with community service

College Press Service

WASHINGTON—Asking the nation's youth to join him in "a great national adventure," President Clinton has outlined a broad-based service program that eventually would offer up to 100,000 college students a chance to get education aid in exchange for community work.

"National service is nothing less than the American way to change America," Clinton said on March 1 at Rutgers University in New Brunswick, N.J. His speech was greeted with loud cheers by the students who packed the university's gymnasium.

Among other tasks, students in the service program would help rebuild neighborhoods, clean up the environment and counsel children, Clinton said.

In the process, they would earn tuition vouchers or forgiveness of student loans and set in motion a new national commitment to service.

Students also would have an option to repay college loans by deducting a percentage of their salaries after graduation.

Some details of the program, such as how much of a stipend community volunteers would be paid and how much of their college loans would be forgiven, have not been worked out yet.

The president likened his program to the GI-Bill after World War II and the Peace Corps in the 1960s. One difference is that Clinton said his program would allow for substantial local autonomy.

"We make progress when people and their

government work at the grass-roots in true partnership," he said. "I want to empower young people and their communities, not empower a new bureaucracy in Washington."

Clinton provided only modest budget details of his proposal, which would cost an estimated \$7 billion during the next four years.

It would begin this year with a "summer of service" for 1,000 young people who would receive leadership training, work at jobs throughout the nation and then meet at the end of the summer for a Youth Service Summit.

The government would fund this \$15 million summer program through the president's short-term economic stimulus package announced last month.

Clinton asked students interested in this program to send him a postcard at the White House marked "national service."

The White House envisions 25,000 students participating in service programs in fiscal year 1994 at a federal cost of \$400 million.

This figure would grow to an estimated 100,000 students in fiscal year 1997 at an annual cost of \$3.4 billion.

Students generally would trade one or two years of community service for financial assistance with college. A cap will be set on the loan amounts that will be forgiven by the federal government.

The initiative would include not only college students and graduates, but teenagers as well. The White House said about 35,000 secondary school students could participate

## Clinton's Proposal

- Students would be able to repay loans by community service or serve in military.
- 100,000 college students would get a chance to get involved.
- Over 35,000 secondary students could also work and earn vouchers for their future education.

in the program and earn vouchers for their future education.

"When people give something of invaluable merit to their country, they ought to be rewarded with the opportunity to further their education," Clinton said.

The president later made the case for his program to a nationwide audience on MTV.

Clinton said that the program probably would be built on many existing community programs but also would allow for some "entrepreneurship" in which students could submit their own innovative service proposals for consideration.

In Washington, the United States Student Association welcomed the emphasis on service but emphasized that it will reach only a

small segment of the nation's 5 million college students.

"I think a lot of people will be inspired by the idea of service," said Stacey Leyton, USSA's president. "But it will in no way replace the need to strengthen the existing student aid programs."

USSA said the president should combine the national service initiative with one to make the Pell Grant program an entitlement, thereby giving more students greater access to post-secondary education.

In addition, teen-agers who would earn vouchers before college also must retain their eligibility for the Pell program, she said.

If not, students may believe they were "tricked" into providing service when they could have obtained other aid.

Another issue in the debate is the stipend students would receive during their years of service. USSA said some of the figures circulated minimum wage or as little as \$100 a week might limit participation only to those who could live at home while they serve the United States.

USSA also recommended a part-time service option to help recruit the widest cross-section of college students and graduates.

An educator who specializes in community service also wanted more details about Clinton's plan, expressing concern that it unfairly may target low-income students most in need of aid.

"It's another hoop poor students may have to jump through," said Arnold Mitchem, who has helped build support for programs that recruit low-income and minority youth

for college.

Mitchem, who heads the National Council of Educational Opportunity Associations, said he had "mixed feelings" about the plan because the neediest students are most likely to participate.

"It makes a distinction between a middle-income student and a poor student," he said.

In addition to the service initiative, the president outlined a number of changes in student loan programs in his Rutgers appearance.

One change could give students a chance to pay back their education loans based on a percentage of their post-college income, which he said would allow graduates to take more community service jobs.

College graduates complain that economics are forcing them to take higher paying jobs immediately upon graduation just to repay student loans.

Such a policy would enable graduates to "hold jobs that may accomplish much but pay little," Clinton said.

USSA's Leyton said income-based loan repayment could help some students but hurt others because of higher interest costs and a longer repayment schedule.

She said students needed more details about this element of the president's plan before passing judgement.

For his part, Clinton said his service and loan proposals also would help reduce the college dropout rate, which he described as twice as high as the dropout rate in high schools. "We can do better than that through national service and adequate financing," he said.

# Divorce of parents may cause depression for children later in life

DETROIT (AP) — People whose parents were violent, mentally ill or divorced are more likely than victims of other childhood traumas to face major bouts of depression as adults, a University of Michigan study says.

The results are based on a survey of 2,867 people nationwide over age 25. They are to be published in an upcoming issue of Psychological Medicine, a British quarterly.

Sociology Professor Ronald C. Kessler and researcher William J. Magee looked at the relationship between depression and eight major types of childhood trauma.

The highest rates of adult depression were found among those who

grew up in a family touched by divorce, mental illness or violence, Kessler and Magee found.

"These are the Big Three," Kessler said Thursday. "People with a childhood history of these factors were between 1 3/4 and 2 1/2 times more likely than others to have suffered a major depression in the last year."

They were also likely to have more frequent bouts of depression throughout their lives.

Kessler said the results weren't what they had expected. "We were surprised because most of the literature in the past has talked about the death of a parent as being the worst," he said.

Of the three leading factors, family violence seems to have the most influence, Kessler said.

"People with a family history of violence are about 2 1/2 times more likely to get depressed than those who haven't experienced family violence by the time they are 20 years old," he said. After 20, he said they have twice the rate of major depression.

The common denominator among the leading factors is childhood turmoil, Kessler said. "It's scary to be a kid anyway, but you normally have adults who can protect you," he said. "These people didn't."

"I see this as more a preliminary study," said Dr. Helen Friedman, an

adult trauma specialist at St. Anthony's Psychiatric Center in St. Louis.

"It raises future issues. For example, what kind of family violence?"

People's memories of childhood can be unreliable and are affected by such things as their present mental state, said Professor Michael Nash at the University of Tennessee, who studies the effects of child sexual abuse.

"The next step I think is longitudinal studies with children over many years," Nash said. "To learn about childhood depression, you need to study children."

Friedman said she was surprised by the finding about the role of

divorce in adult depression.

Other studies have linked parental divorce with depression among children and young adults, she said, but not people over age 25.

In a follow-up study, Kessler said he is trying to clarify the childhood risk factors for depression.

The divorce issue is an area they will seek to clarify. As an example, divorce today is much more common and hence less traumatic than it was in earlier generations when some of those surveyed experienced it, he said.

"I do have a feeling that one of the implications of our study is there are certain kind of marriages, a divorce is better than staying in a

conflictual marriage," Kessler said.

Some childhood traumas, such as the death of a mother, lead to high rates of depression among young people but seem to have less effect when they grow up, the researchers found.

"It seems that if you can escape intact when you're a teen-ager, you're home free," Kessler said.

Childhood depression itself leads to an increased risk of adult depression, he said.

"But these three childhood adversities have an active pathogenic effect over and above the risk of recurrence," he said. "And their harmful effects don't diminish over time."

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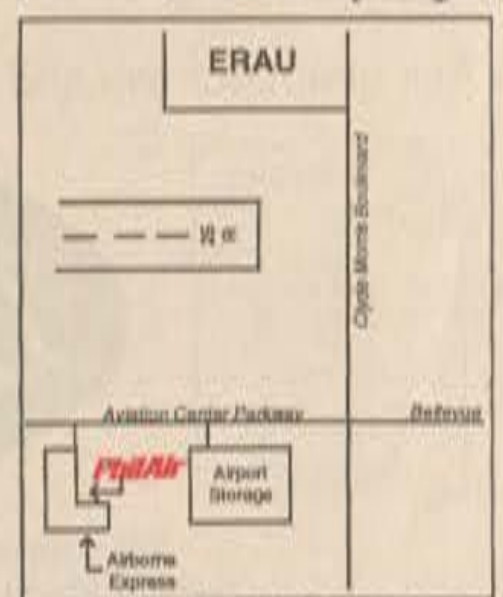
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