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Embry-Riddle Aeronautical University

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Make sure you attend the Activities Fair all day today in the S.C.

Sports: Basketball team ranks #3 in nation after seven game winning streak.

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Campus News: A study into student motivation reveals some surprising statistics.

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Embry-Riddle Aeronautical University

THE AVION

An award-winning newspaper by students for students

Daytona Beach, Florida

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January 22, 1991

Sliwa graduates 350 seniors

By Brian Gerk

Senior Managing Editor

Last semester's commencement ceremony was highlighted by many firsts, as well as encouragement for the graduating senior class not to give up on aviation. The event was President Steven Sliwa's first graduation ceremony.

President Sliwa also awarded Aeronautical Studies student Lorrilyn Metych with the President's Award. Both the commencement speaker, David Hazen and Lt. Gen. Elwood Quesada received honorary degrees at the close of the ceremony.

Dr. David Comstock Hazen, a professor emeritus at Princeton University, gave the commencement address. Hazen was an instructor in aeronautical science at Princeton. After serving as an assistant professor and later an associate professor, Hazen became the youngest full professor in the university's history in his 14th year at the New Jersey institution.

Hazen covered many aspects of aviation, and the growth that will occur with a rebounding economy. He stressed that the failure of many major airlines certainly does not portend doom for aviation as a whole.

"Given the current conditions," Hazen said, "it may be easy to despair, and you may be tempted to leave the field. But the future in aviation is bright. Don't sell aviation short."

Hazen went on to give an overview of the advances being made within the aerospace industry. He described the use of computers in every step of the design process, from the airframe conception to ultimate cockpit management. He hinted at the replacement of the pilot in some aircraft, but assured the audience that it will be a distant day before passengers board a pilot-less drone.

"Your skills will be needed in the cabin," he said. "The aviation crystal ball is invariably cloudy but advances in aviation take place because the technology is available."

Hazen digressed into some subjects that were a bit simplistic to some of the graduating class. Said one senior:

"He spoke about things in 10 minutes that we have been learning for the past four years."

After Hazen spoke, Dean of Student Affairs Robert Rockett introduced President Steven Sliwa. This was the first time that many of the seniors could attach a face to the name of the relatively new president.

Sliwa then announced the recipient for the President's Award. Lorrilyn Elizabeth Metych was presented with the semesterly award which is one of the highest honors that any student may receive at ERAU. The award is based on academic achievements, extracurricular activity and community involvement. The award is given to a stu-

dent upon recommendation of the faculty and student body.

Miss Metych was a Cum Laude graduate and had a diverse record of both on and off campus activities. She acted in the following capacities: president of Half the Sky (the women students association) for two years, the Community Service Chair for Omicron Delta Kappa for a year, a member of the Ninety-Nines, clubs reporter for the Avion, a member of the Skydiving Club, the ERAU representative for the Women's Aviation Seminar in St. Louis and a participant of countless functions sponsored by Student Activities.

In addition to her extracurricular participation, Miss Metych also organized the following activities: I-CARE (the child abuse relief group), Easter visits to pediatric wards and Meals-on-Wheels. Despite this break-neck activity, Miss Metych also managed to maintain a high GPA throughout her time at Embry-Riddle.

In an interview after the ceremony, Miss Metych expressed her optimism for the future of Embry-Riddle.

"I'm glad to see the gains being made in both community involvement and women in aviation," she said. "I hope to see this trend continuing. With President Sliwa, I think it will continue. I hope students take the lead too and not devote themselves just to the campus."

Lorri has now returned to her hometown of Chicago, Illinois and plans on pursuing a Masters Degree in Meteorology, a science that she grew fascinated with during her time spent in the ERAU weather lab.

After the presentation, the 350 graduates received their empty diploma cases and had their diplomas conferred upon them by Dr. John W. Morris, of the Board of Trustees. Mr. Morris then presented both Professor Hazen and Lt. Gen. Elwood Richard Quesada with honorary degrees.

Quesada was honored for his numerous contributions to the aviation industry and his role in commercial aviation. Anyone who has taken History and Regulations of Aviation should be well familiar with Quesada's name and his pioneering spirit that helped build America's current air structure. In 1958 he was named by President Dwight D. Eisenhower as the first administrator of the Federal Aviation Administration.

After the commencement ceremony, most of the graduates went to the John Paul Riddle Student Center for a reception hosted by the Provost.



photo by Brian Gerk

Honored...

Lorrilyn Metych received the President's Award at last semester's commencement ceremony. The award is based on academic and extracurricular achievements.

First Lady speaks on sexual harassment

by Jason Simon

Diversions Editor

Last Wednesday, January 15, Embry-Riddle sponsored an information session on the subject of sexual harassment. The seminar was hosted by Nancy Silwa, wife of Embry-Riddle President Steven Sliwa. Mrs. Silwa, who has worked for NASA and is a veteran in the aerospace industry, is very concerned about sexual harassment problems on this campus.

The guest speaker of the evening was Patricia Lowry, who is an Equal Opportunity manager at the NASA Kennedy Research Center. Lowry, who was originally from Kentucky, graduated from Berry University in

Miami and has been employed with NASA for 26 years.

Lowry addressed the subject of sexual harassment from her point of view and gave examples of what can happen in sexual harassment cases. She advised the small group which attended the seminar about their rights in the work force and at college and what they can do to stop sexual harassment. Lowry also mentioned that the University has pamphlets on the subject and that counselors are available on this campus to help students deal with a sexual harassment problem.

Lowry also explained that sexual harassment is not a "females only" problem; she stated that men are

also victims of sexual harassment and that they have the same rights as well.

In addition, she cited some sexual harassment cases, one of which involved the death of a woman, which was caused when she accidentally backed into a machine while being taunted and harassed by co-workers.

After Lowry finished speaking, she answered some important questions brought forth by the group. The session concluded about 90 minutes after it began.

Mrs. Silwa hopes that there will be more symposiums that will focus on the problems that face women in the aerospace field.



photo by Aaron Page

The Corvette of the skies...

A sunset illuminates a Mooney on the Embry-Riddle flight line.

WERU receives the go-ahead

by Joseph Perrino

Campus News Editor

WERU, once a student's dream, is coming to reality. On Tuesday, January 14, a memorandum was sent to Todd Gumbrecht from Bob Jost (VP of Administration), via Dr. Ledewitz (VP of Student Operations). The memorandum stated that, "My recommendation is that the radio club arrange for installation of a transmitter on a trial basis to determine if the station causes interference problems." The memo went on to say that, "Should the test be successful, they are in business. If not, we will need to re-evaluate their options." The memo added that, "Howard Muller should be the club's contact in Data Processing. Mike Nickell should be the club's contact in Physical Plant."

Up in now WERU's chief obstacle were concerns from Data Processing that the signal sent by carrier current would interfere with their computers. As a result, the University sent inquiries to A.C.T.

Inc. (Applied Communications Technology Incorporated.) These inquiries asked the company to test if the radio equipment would cause technical problems with their land lines and computers. WERU President Steve Graff and VP Todd Gumbrecht also told ACT Inc. which transmitter and transmitter couple unit the club would be utilizing.

The test results came from ACT Inc.'s home base in Indiana in the beginning of January. They stated that there would be no interference with Data Processing equipment. Graff and Gumbrecht forwarded the results to Dr. Ledewitz upon receipt.

Dr. Ledewitz was in constant contact with WERU and Data Processing and acted as liaison between them the whole time.

The transmitter is planned to be placed on Dorm 1. It is undecided at this point whether the 30 day test will be run by Jim Windsor from ACT Inc., or by WERU. However, if the test is successful, then every-

thing is a go.

Now the WERU Committee must meet with Dr. Ledewitz again to arrange plans for the testing of the transmitter. WERU will also start working to become a full division of the SGA. The SGA has tentatively been given financial responsibility for the purchase of the transmitter.

Inventory for the station is planned to be donated by record labels, as is usual for college radio stations. Also, Graff and Gumbrecht plan to visit a trade show in New York in order to find the least expensive and most efficient equipment.

Todd Gumbrecht viewed this as "the successful beginnings of college radio the Daytona Beach Campus." He went on to comment that, "with persistence, hard work and a little help from your friends, anything is possible." Graff said he was too overwhelmed to comment. WERU's first full meeting of the semester will be in Mod B3 at 8:00 p.m. on Wednesday, January 23.

Sailing team defends national title

by Ed Kohinke

Sports Writer

Embry-Riddle is once again the alma mater of the best Ocean Breeze 18 sailors in the country, a claim left undisputed after the December 7 and 8 weekend of competitive light air sailing in the Florida Citrus Sailfest.

Superb sailing by the trio of Robbie Feecey, Mark Severson and James Imiger enabled them to nail down the class trophy, a year after it was originally won by Robbie Feecey, Sacha Feechio and Rob Jankowiak.

Also vying for the title were teams from Rollins College, FIT and USF. A team from the University of Florida showed up on the first day but declined to sail on Sunday due to the light wind predictions. In a post-race interview, skipper Robbie Feecey attributed the success to "Good crew coordination. We just worked together so well, which like everything else is ultra-critical when the wind gets light like this."

As usual, this regatta in the town of Sanford on Lake Monroe attracted the largest number of one design and catamaran sailors to any one location in the country. It also came close to being the biggest sailing bust of the year as race after race was cancelled because of the sub-



photo by Ed Kohinke

Ahoy matey...

The sailing team pulled together and successfully defended their national title which they had won at a regatta last year.

marginal sailing conditions. The only races held on Saturday were those on the crewed monohull dinghy course; the series of seven starts sent boats in over a dozen classes on a three hour drift around

the five leg course. ERAU team members Sacha Feechio and Ed Kohinke sailed a JY-15 dinghy to a remarkably bad finish against 23

see JY 15 page A10

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Head to head...

The Eagles Lacrosse team thrashes the University of South Florida. See story, page A10

News in brief...

SAA looking for talent

The Student Alumni Association would like to immediately receive your application for this term's SAA Talent Show. Applications must be returned by tomorrow (Thursday, January 24). They may be picked up in the Student Activities office today or tomorrow. For those planning to see it, the show is scheduled for the night of January 28.

Back to school

The National Center for Education Statistics reports that 43 percent of all college students are 25

years or older.

Super Bowl Party

A Super Bowl party is now being organized by "Super Dave" to be held in the S.C. this Sunday. Look for the Morrison's specials at this Bowl Party.

Renovations continue

Volusia County has announced that the Daytona Beachport Project is ahead of schedule. The target date for completion of the three story, 166,000 square foot terminal is slated for December of 92.



In the air...

The space shuttle Discovery was expected to blast-off this morning. See story, page B3

THE AVION

Embry-Riddle Aeronautical University

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Newspaper

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Letters to the Editor

Embry-Riddle

'Apathetic' University?

To the Editor:

Ahhh! Wake up people. This must be the most inactive campus in the nation. We (the U.S.) went to war almost a year ago and there were no signs of negative feelings on this campus. That war cost us millions of dollars a day and several hundred lives. I guess homelessness, hunger and other domestic issues don't mean as much to us as the price of gas. I don't think the war was completely wrong, but I do question our motives. Everyone knows that if Kuwait's main export were chopsticks we would have been the last people on Earth to give a damn. Where were we when Afghanistan was invaded? Why couldn't we help them? I saw an interview of an American soldier on TV. They were calling him a hero. He was in an armored personnel carrier that was hit by a Hellfire missile from an Apache helicopter. Some hero.

Now that the Soviet Union has crumbled, who will we use as an excuse for outrageous spending?

Steve Garvey

Box 4595

Why the petty crimes?

To the Editor:

How very appropriate your front page article on the "...dramatic rise of auto and motorcycle theft. ..." It seems that I have become another statistic.

While on my way back from a hectic pre-registration activity I noticed that my motorcycle (sitting in the motorcycle lot between the dorms) appeared a bit odd. As I approached I noticed to my horror that the seat from it had been

removed! To add insult to injury, the gear-shift lever had also "disappeared." I had just become another statistic. Why?

It appears that the thief of thieves decided that an outdated motorcycle seat (mine) was to their liking. They also had an attraction for a gear-shift lever. It is indeed strange for just a "motorcycle seat" and gear shift lever to be targeted. Why not a whole bike? Strange is it not?

Perhaps I am reading this wrong. Am I a victim of a prank? If so - it has reached well beyond the "joke" stage.

To the gallant thief(s) who so bravely stole a motorcycle seat - congratulations. I'm sure you have the envy of all of the other would-be thieves. You have succeeded in making my transportation quite unusable - and replacement parts are questionable. I hope you enjoy them.

As is so apparent, I am not alone. We have the Avion staff member whose car suffered an act of vandalism while on Embry-Riddle property. I can also recall the alleged theft of some avionics equipment from an airplane - allegedly done by an ERAU student. This past weekend I noticed someone in a room had put up a sign requesting the person who took money from their room to please return it. The article in the Avion said that four motorcycles had been stolen. And then, we have the racquetball courts.

The poor racquetball courts. A person or persons managed to savagely attack and vandalize the exterior of it - reportedly with eating utensils (it seems the hardened steel is very well designed for some of Morrison's entrees and for exterior remodeling). This prank/crime/act of vandalism was to the tune of some \$3000. I don't want to pay for

see Letters page, A10

Editorials

The 'U' in ERAU comes up short



Jon Osterholm

Managing Editor

An education can't just further career goals alone.

There is a dream of what higher education could be that I subscribe to. It is a vision that shows flashing images of a Greek (perhaps mythical) society of many centuries ago, where a well-rounded student learned many things, and had grand social centers where debate and camaraderie were apparent. It shows to those who see this vision that all of these assets made a student great, not just one of them.

Visions of perfection are not to be attained, but at least we can excel in several of them. I have heard often, "this is a technological university," since I first came to ERAU in 1986. It was as if we were to have no interest, at least publicly, in the arts, communication and social consciousness.

Technology is a specialization at ERAU, but it is not an excuse for us to avoid knowing literature, how to communicate and what culture the

world has to offer beside movies and the latest CDs. In fact, companies are looking for the well-rounded in their college graduates (if you didn't already know that).

Not that we are or should be competing against the West campus of ERAU, but at the Prescott campus, students know most of each other, and you cannot walk between classes without saying hello to nearly everyone you pass. This I learned from Joe Zeccola, the Editor in Chief of *Horizons*, the Prescott student newspaper, when he visited here for several days. Size is a part of the resulting social climate, but with our greater size, we don't have enough culturally-minded activities for students to indulge in and be recognized for. This doesn't need to be a reality, because of our greater size.

We don't lack social events, but we have few of the creative arts here. We have the athletic teams, such as our rapidly rising basketball team. We have Attitude Adjustments. We have informal college parties. We even have the Riddle Players, the Wright Monument and those pictures of past presidents of ERAU to give us some sense of art and culture. But there is more to artistic interests for students to share than acting. There

are other art forms, and communication mediums, such as this newspaper and WERU campus radio.

Did you know that Embry-Riddle once had a literary magazine? *Creations* was the magazine's name. A few years ago, I found, as its primary editor, that many offered photos, artwork, poetry and stories for publishing. It was the last time *Creations* was to be mentioned seriously by anyone, and was never published that term (Fall 1989) or any time since. One might not expect a great percentage of students to submit material to any literary magazine, but even technical Embry-Riddle Aeronautical had enough good work for a 36-page magazine that year. But, I ended up alone in wanting to produce it, for various reasons.

The Student Finance Board of that year found *Creations* not worthy of the SGA's financial support above \$250. But those that submitted material for *Creations* were not available to sustain the production of the magazine, anyway. Linda Johnstone, the SGA Secretary-Treasurer, informed I was creating my own magazine for my own interests. There were in excess of 150 various submissions which suggested otherwise. But, my sitting alone

through five SFB meetings might have made it look like I was working for myself alone.

A college literary magazine reflects the creativity of any student involved in many types of artistic endeavors, and by merely existing, it applauds them for their varied interests. The artistic students of Embry-Riddle shouldn't be denied an outlet (to me, it's a form of discrimination). But don't misread this message. This term things may be looking up.

Now, *Creations* will be born again, if all goes well. The Society of Collegiate Journalists and Sigma Tau Delta (an English language honor society) have expressed interest in producing a literary magazine. There is talk of a new club for the artists of ERAU, in fact.

The good thing is, the magazine will be free to students and ERAU employees, hopefully. And submission of personal work is open to the whole ERAU family. That's where the arts need all of us. Submissions represent interest, as does verbal support, in the case of *Creations*.

Imaginative and creative students could make ERAU a little more of a "university," and yet no less "aeronautical." *Creations* could merely be the first step.

Give Embry-Riddle some political muscle



Joseph Perrino

Campus News Editor

There is no question that the right to vote is our most sacred right next to free speech. Yet, the full power of the vote is not apparently fully realized by the student body of this University.

I asked my friend Todd Hughes once on what he thought it would be like if all of the students at this University were registered voters, and they listed their address at ERAU (600 South Clyde Morris). He replied laughingly, "We would have gotten the land across the street."

The thought of having a mass constituency of ERAU voters is indeed very appealing. Not only for the reason that Todd pointed out, but for many more and much larger ones. All local government officials would be forced to consider our needs before deciding on issues. The US Representative in this district would represent our needs in Congress. This would particularly come in handy during funding appropriations.

Also, ERAU's standing in the community would change for the better. Instead of being a special interest group, we would be constituents. Instead of being seen as outsiders and transients, we would be an integral part of the community. This would be recognized by people in power that students feel discriminate against them the most: the police. The Sheriff of Daytona

Beach is an elected official.

There is an added bonus. When President Sliwa meets with local officials, they will know that they will not only be talking to the president of the University, but the representative of a few thousand votes. The plain and simple fact is that money, be it campaign donations or otherwise, is the power of politics. In the past, the University has played these cards very well, but of course, not for the "otherwise". With the knowledge of student backing, local government would be more eager to listen to him. Perhaps, as a result of that, a little less power brokerage can go on and more improvements in the University can get underway.

This would enhance the standing of the SGA and its president in the same way. This leaves an extra burden of responsibility on us to select

the proper person in the next SGA election. We must pick someone who is going to represent us in our feeling at the much more important community level. A leader whom we cannot rely on to take action cannot be trusted to stand as our representative in the community.

The benefits of ERAU students registering to vote at the University's address are very simple to see. Actually doing it is simple too. The place to register is in the same building as the Title and Tag office. Fortunately it is not the same line, so you will not pack a lunch. If you are concerned about getting stuck with jury duty, as some people are with registering to vote, you should not be. Volusia County gives automatic hardship for full time college students and part time students who work.

Student Forum

The Avion asks: Do you think we should get Martin Luther King Day off, and why?



Kellene Gaetaniello
Air Science

"Yes, because we have very few days off during the year and we deserve the same holidays as public schools."



Mike McNiesh
Air Science

"No. I don't believe we should get any ethnic or religious holidays off. There's too many uneducated people in the U.S.; it detracts from our learning."



Colin Malaker
Air Science

"F--- Yes. Every other school gets it off, why the hell can't we?"



Edgardo Walters
Air Science

"Why not? We should get the day off to pay respect to the black community of Embry-Riddle."



Christopher Russell
Av Computer Science

"Yes, definitely. It's as simple as starting the semester a day early or ending a day later."



T.J. Norma
Pro-Aeronautics

"To have the day off would mean that we could show our support in the community for Dr King's Dream ..."

ERAU students prefer Bush as the next President

by Roger Harnack
National News Editor

A random sample of Embry-Riddle students were surveyed on various questions that are important in the upcoming primaries and the presidential election. The questions ranged from elimination of the electoral college to selecting candidates.

Many students were unaware of democratic candidates' backgrounds and platforms. Not surprisingly, the highest percentage (21.3 percent) of students were undecided on the nominations of democratic candidates.

Governor Bill Clinton was next in the poll with 19.6 percent. Students cited several reasons for selecting Clinton including his "perceived" honesty, new ideas and thought that he would concentrate more on domestic issues.

Tied with Clinton was "none of the candidates," Senator Tom Harkin garnered 13.9% of the tally. Following Harkin were former Senator Eugene McCarthy and Paul Tsongas both with 6.5 percent of the total. Several other democrats

received nominations including Senator Robert Kerrey, Lyndon LaRouche, Edmund Brown and Jeffrey Marsh.

Students knew much more about the Republican candidates on the ballot already. For the republican nominations, President George Bush outdistanced opponents with 70 percent.

Bush's experience and foreign policies boost him to the leading candidate on campus with 55.7%

Louisiana Legislator David Duke followed with 9.8 percent. Close to Duke was Pat Buchanan with 8.2 percent. Bringing up the rear was George Zimmerman with 3.3 percent.

When the students were asked who would they vote for as the next president of the United States, only 12.3 percent were undecided. Bush's experience and foreign policies boost him to the leading candidate on campus with 55.7 percent.

David Duke was second in the overall poll with the same 9.8 percent of students. Buchanan remained the same with 8.2 percent. Next in the poll was Clinton with 5.7 percent and Kerrey with 2.5 percent.

Since aviation is a fairly conser-

vative field, the results of the poll, for the most part, were not surprising. However, one surprising feature of the poll was the fact that many of the students cited the reason they selected Bush was because they didn't know about the other candidates, or the "better of all evils." Many didn't have specific reasons why they would vote for any candidate.

Other results of the poll included that 54.9 percent believed that the electoral college should remain in the election process while 31.1 percent thought that the process should be changed or eliminated.

Fifty-four percent (54.0 percent) thought that there was not a need for a third major party. On the other hand, 37.7 percent thought that a third major party was needed.

This year has had interesting lawsuits involving the political parties and candidates registered with the respective party come up. The democratic party leadership is attempting to ban Lyndon LaRouche, Pat Mahoney and Larry Agran from various primaries. The Republican Party is attempting to ban David Duke in various primaries.

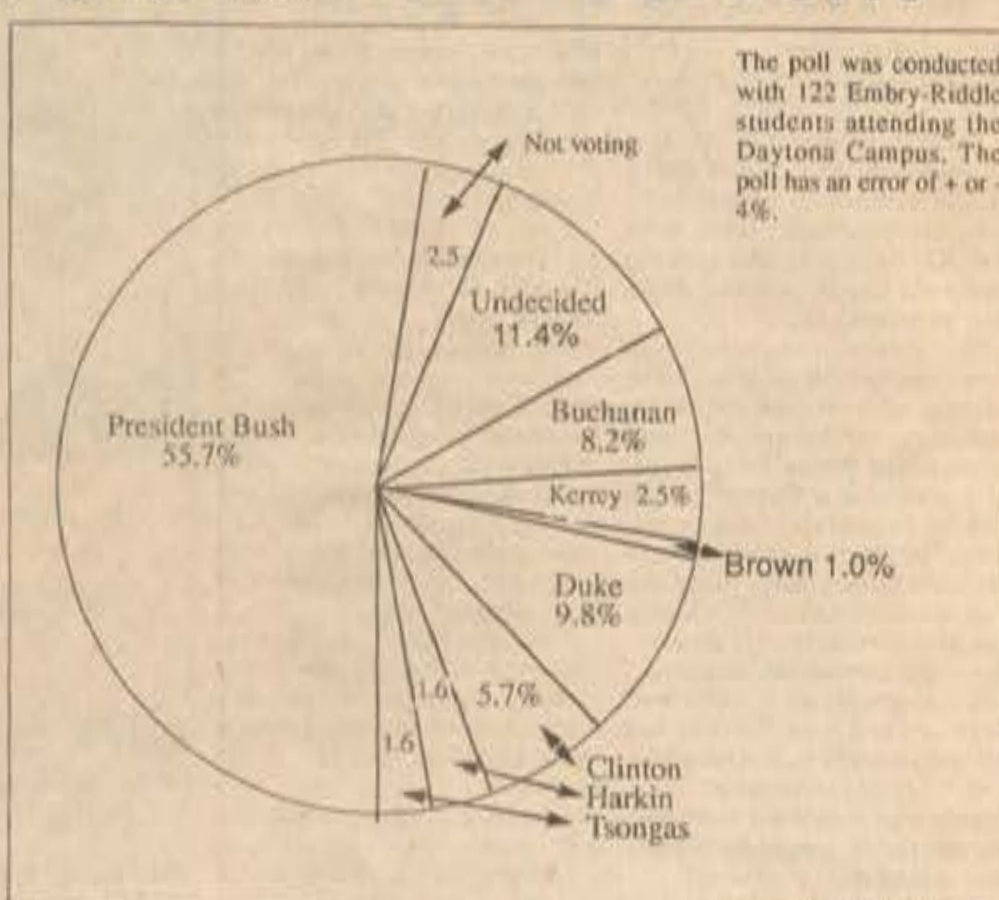
These candidates have met the state requirements for nomination. The poll asked students to decide if

parties should have the power to ban candidates if they have met the state requirements for the nomination. Overwhelmingly, 77.1 percent believed that a party should not be allowed to ban candidates.

The poll also asked for students to identify candidates whom they would like to see as their next president. New York Governor Mario Cuomo lead the "write-ins."

He was followed closely by former President Richard Nixon, Lee Iacocca and Colin Powell were also among the highest percentage of "write-ins."

Others mentioned by students included Gen. Schwartzkopf, Senator Robert Dole, Jerry Brown, Richard Gephardt, Senator Alan



The poll was conducted with 122 Embry-Riddle students attending the Daytona Campus. The poll has an error of + or - 4%.

Simpson, Senator Warren Rudman, Senator Lloyd Bentsen, Senator George Mitchell, Dick Cheney, James Baker, Senator Bob Graham and Senator David Boren.

Finally, when asked if there was

a candidate students would definitely not vote for, students had a variety of candidates. These candidates included David Duke, George Bush, Lyndon LaRouche, Pat Buchanan, Edmund Brown and Dan Quayle.

Secret Boeing cruise missile was first weapon fired in Gulf War

WASHINGTON (AP) - The Defense Department disclosed Thursday that B-52 bombers attacked Iraq in the opening moments of Operation Desert Storm with a new type of Boeing-built cruise missile whose existence until now had been kept secret.

Seven B-52s from the 2nd Wing of the 8th Air Force, armed with the cruise missiles, took off from Barksdale Air Force Base, La., at 7:35 a.m. EST on Jan. 16, 1991. They fired 35 of the guided missiles at high-priority targets inside Iraq in what the Pentagon called the longest air combat mission in history.

It was known that B-52s dropped tons of gravity bombs on Iraqi ground forces in Kuwait and southern Iraq throughout the Gulf War,

but the Jan. 16 mission was secret. It lasted 35 hours and covered 14,000 miles with four aerial refuelings.

Pete Williams, a Pentagon spokesman, told reporters the B-52s - also built by The Boeing Co. - were the first planes launched in the war. Until now it had been believed, based on acknowledged U.S. war-plane missions, that F-117A stealth fighter-bombers which attacked downtown Baghdad were the first to kick off the air campaign.

Williams said he could not fully explain why the U.S. government waited a full year to disclose the B-52s' mission from Barksdale and the

use of the new missiles.

Air Force ceremonies were scheduled for Friday at Barksdale to recognize the men and women who contributed to the historic flight.

It lasted 35 hours and covered 14,000 miles with four aerial refuelings.

Williams said the mission initially was kept secret because the existence of the missiles was classified. One reason for the delay in disclosing it after the war's end was "the sheer heft of bringing" a secret weapon out of secrecy, he said.

The missile, dubbed the AGM-86C, is a modified version of a nuclear-armed cruise missile that also can be fired by B-53 bombers.

Boeing Defense & Space Group, which made the nuclear version, did the modification for \$380,000 per missile, Williams said. He wouldn't say how many exist.

Williams said work on the non-nuclear version began in June 1986. The missile, with a high-explosive warhead, was ready in January 1988.

The main difference between the two missiles, besides the warhead, is that the non-nuclear version had a more advanced guidance system, Williams said.

Boeing spokesman Milt Furness said the company built 1,719 of the nuclear-armed missiles, designated AGM-86Bs, at its plant in Kent, Wash.

It completed the last of the nuclear

weapons in 1986, he said.

Furness said the conventionally armed missiles look exactly like the 21-foot-long, jet-powered nuclear versions.

Both missiles fly at about 500 mph. The new version has a classified range, but under the more than 1,725 listed for the earlier model, Boeing said.

The new missile has a global positioning guidance system, which allows the weapon to guide itself through signals from a satellite, Furness said.

The earlier one was guided by a system that matched terrain readings with a computerized map.

Furness said the Air Force plans to replace the 35 missiles fired during the war, but hasn't said whether it

wants to modify any more of the existing nuclear weapons.

The Pentagon previously had acknowledged that cruise missiles launched from submarines and surface ships were fired at Iraq in the early days of the war.

Williams said he could not describe the effectiveness of the air-launched cruise missiles used against Iraq except to say that the Air Force considered them "very effective."

The 35 missiles were fired at eight "high priority" targets, including power generation and transmission facilities and military communications sites inside Iraq, Williams said. He would not be more specific.

It was the only use of the weapon in the war, he said.

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Avion completes study into student motivation

by Joseph Perrino
Campus News Editor

Student Motivation at this University has the reputation among faculty and Administrators to be somewhat lackluster. If the question, "Do we have an identity as the students of ERAU?" is asked, do we have an answer?

This study will not attempt to directly answer this question. To do so, even with the most meticulous statistics, cannot give an exact answer. The reason being is that each student is a different person and each has their own needs. Instead the focus will remain on the indicators of motivation. If the student is motivated than it is logical that he is more involved in the activities and is academically stronger.

It is impossible for a student to be motivated to a point where he is a 4.0 and involved in several activities. Yet, this ideal of a "Super Student" can be utilized to measure the status of the general level of student motivation.

In this study the retention, academic performance, and student activities are measured from 1989-1991. Also, the result from a survey of the student body that appeared in the Avion are also examined. From

these results we hope not to come up with the solution to improving student motivation, but the proper questions to ask. This survey was placed in the Avion on page A4 of November 13 edition.

It was conceived to measure student motivation not by the questions it asked, but by the number of returned forms.

The Avion hoped to receive at least an accounting of 10 percent of the student body. The results could be reasonably used to meter student motivation by the questions it asked.

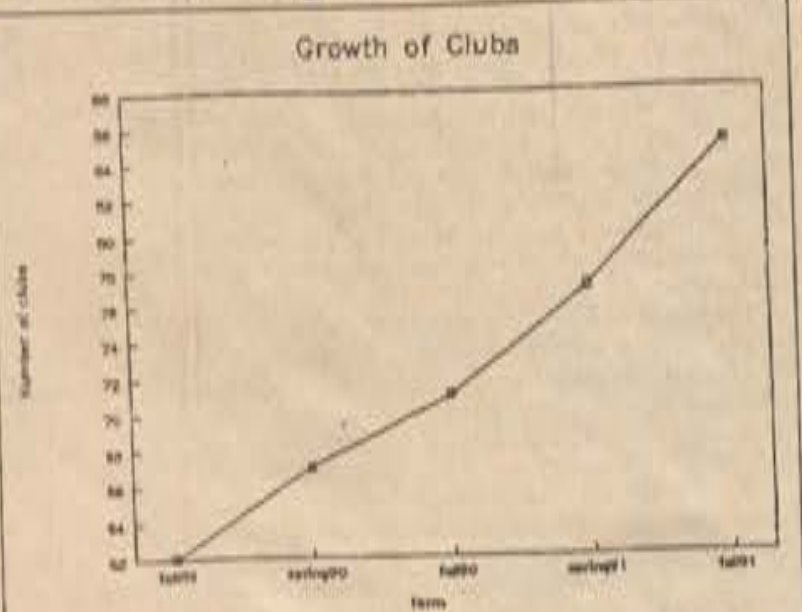
The survey went through the routine questions of major and class status in the first two spaces. Then it asked for the average number of hours of study a week.

The fourth question was asked to find out how many students were involved in activities, and then how many. A more motivated student would be a part of not just one but several.

Question five was an error in editing.

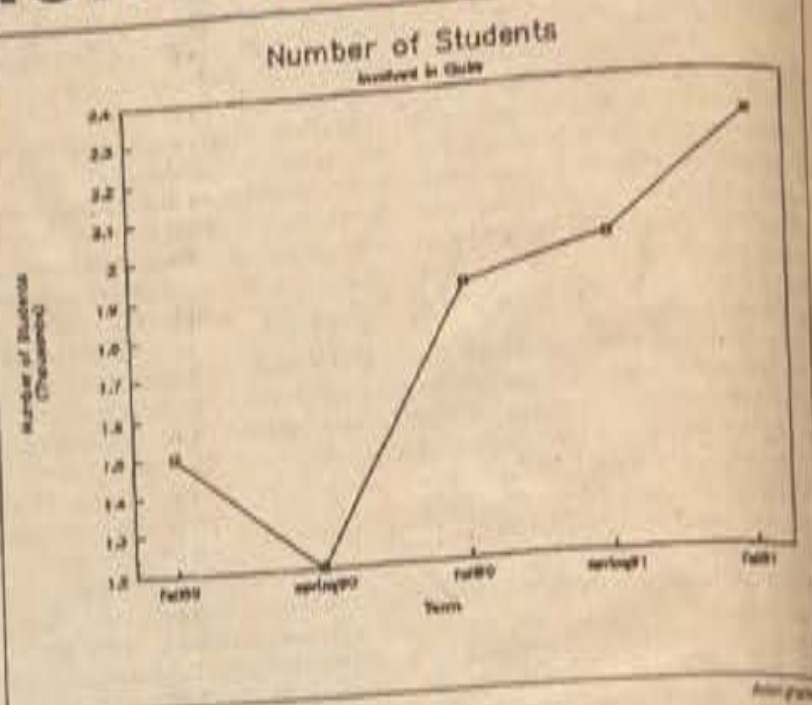
Question six was to determine if the students were actually active in their organizations or if they were just in them for resume filler.

The seventh, eighth and ninth questions were asked to determine if the student was interested in student



Kids in Clubs...

Left. This graph shows the amount of clubs started over the past five terms. The graph starts at 62 clubs in the Fall '89. Right. This shows how many students clubs have had on their roster since Fall '89.



government. The motivated student would answer seven yes and eight and nine probably show that they are.

Question ten, eleven, twelve and thirteen were used to determine how complacent they were with ERAU's environment.

The 14th and 15th questions were used to determine how happy students are in their department.

Questions 17 and 18 metered the students care for their school sports. Motivated students typically attend school sports events quite regularly.

Number 19 was asked to determine if students are slacking in attendance. The more motivated the student is, the less classes missed.

Finally, question 20 basically asked students if they had any hope for things to improve. This was not intended to determine student motivation, but to see if students were so discouraged with the status quo that nothing will change.

The results from the surveys were unfortunately irrelevant. Out of a distribution of 5000 only eight surveys were returned. This is especially bad considering that the Avion's Football Pool had received approximately three times that amount at its absolute low. Also,

consider that no awards were ever delivered to the winners of the pool due to a break down in relations with Hooters, and entries dropped as a result.

Academically the students students showed little fluctuation. Institutional Research studies the University's performance every year in the Fall terms. Their statistics on the academic performance of the students showed GPA's averaging from 2.5 to 2.9 in each major. These grades were recorded from 1989 through 1991.

It should be noted that since Spring terms were not recorded, significant outside factors are not measured. During the Spring semester students must contend with Bike Week, Race Week and Spring Break. As a result, how these events figure into the academic performance of the student can not be measured.

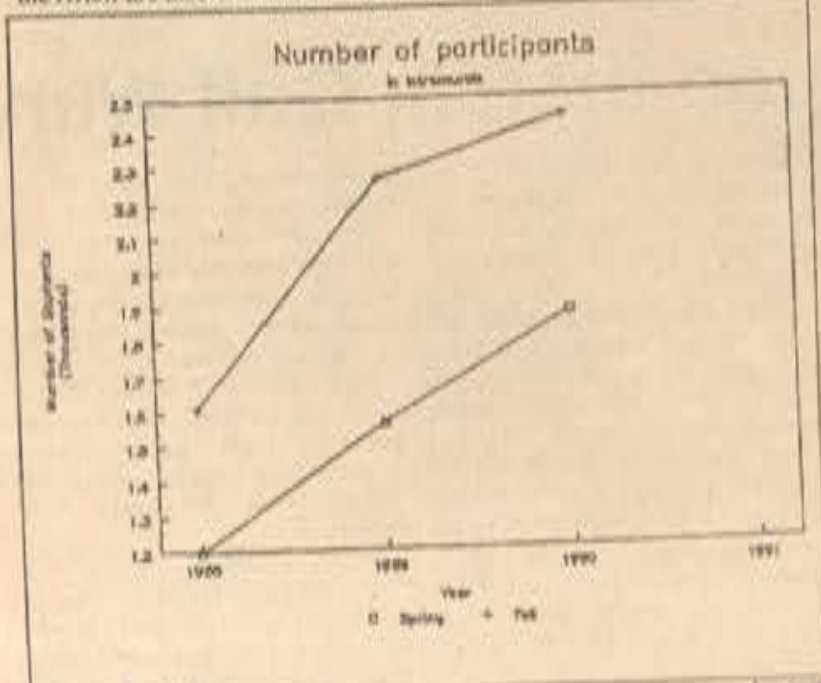
Student Activities over the past three years shows dramatic increases. The total number of students involved, and the total number of clubs were measured from 1989 and 1990. Statistics were obtained from Student Activities for each semester.

Survey the AVION asks...

Consider the campus life of the University. Are there things you would like to see, problems you would like to help define? If so, please fill out the Questionnaire. Names are not necessary. You can be responsible for change at this University if you reply. The results will be posted in a computer study of Student Motivation for the Avion. Please clip out the Questionnaire and return it to the Avion or send it to the ERAU post office.

- Scale: 10 is best, 1 is worst.
1. What is your major? _____
 2. Are you Fresh, Soph, Junior or Senior? (circle one)
 3. On average, how many hours do you study a week? _____ YES _____ NO How many, if yes?
 4. Are you a member of any clubs, org, society, etc.? _____ YES _____ NO
 5. If the answer to #4 is YES, then how many clubs or societies? _____
 6. How many hours in the week do you usually dedicate for each of these organizations (name) _____
 7. Do you know who your SRA representative is? _____ YES _____ NO
 8. What does SRA stand for? _____
 9. What does SRA stand for? _____
 10. How much do you believe the SGA's mission to follow (to serve students) on a scale from 1-10? _____
 11. Have you ever thought of transferring out of ERAU? _____ YES _____ NO
 12. If you have thought of transferring out of ERAU, how close to it was (or are) you in your mind on a scale from 1-10? _____
 13. How happy are you at this University on a scale from 1-10? _____
 14. Ever thought of changing the major you are in now? _____ YES _____ NO
 15. If you have thought of changing majors, how close to it is your mind were (or are) you on a scale from 1-10? _____
 16. Have you ever gone to a ERAU sports event? _____ YES _____ NO
 17. If so how many this semester? _____
 18. On average, how many classes do you miss a semester? _____ YES _____ NO
 19. Do you feel that this survey will effect change at ERAU? _____ YES _____ NO

"Is there anybody out there?..."
Only eight people answered this in November 1991.



Play ball!!

The top line represents the growth of intramurals in the Fall terms. The bottom line represents Spring.

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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

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ERAU signs on new cleaning company

by Chris-Olvin Santiago
Campus News Reporter

The University has decided to contract a new cleaning company this Spring. Witt, Filla, Flannery and Associates, (W.F.F.), has replaced Pearson's Cleaning Company. They were selected among 13 bidders for the contract to maintain the cleanliness of the University; this includes the Residence Hall facilities and the library.

Witt, Filla, Flannery and Associates are based in St. Louis Missouri, and were founded in 1974 for the sole purpose of cleaning Colleges and Universities. They have a good reputation among cleaning companies and were picked as the most efficient company for the cost and needs of ERAU.

The take over of the monopoly

took place on December 16, 1991. A total of 36 employees were interviewed and re-hired out of the 45 former Pearson employees.

Several employees have expressed their opinions concerning the improvement of the company. Bob, a WFF employee, states "I think there has been an definite improvement with this company. I think that we'll do a better job."

Regular custodians are furnished with portable radios, and at least two managers are on site during most of the 24 hour day. Contract Officer Becky Griffith told the Avion, "we chose this particular company over the other ones with a majority vote." He went on to say, "They seem as the one that best fulfills our needs, not because their bid was lower than Pearsons."



Cleaning up at ERAU...

Old Pearson's employees see different work days under new management.

Some ERAU students have not seen the improvement of the company. "Well they haven't vacuumed my carpet since we've come back from vacation," was the response of an ERAU student. Another student said "they haven't cleaned my bath-

room since I got here either."

School has just started and the improvements will probably be seen later in the semester, but for now, WFF has to evaluate the most effective manner in which to manage the cleaning services offered to ERAU.

Lambda Chi reaches out

by Eric Sarnowski
Campus News Reporter

When most people think of a fraternity they think of a group of guys sitting around drinking alcoholic beverages, but Lambda Chi Alpha has done much to dispell this stereotype. When asked about being the faculty advisor for the fraternity, Tim Rupe said, "Lambda Chi Alpha represents the very essence of what fraternity life is all about; striving together for excellence in academic achievement, service to others and genuine brotherhood."

The fraternity has a variety of Brothers and Associate Members in practically every club on campus. Their involvement reaches from the Entertainment Committee to the Spirit Club, in which Mark Hogan is President, to WERU, to the Cheerleading Squad and the Homecoming Steering Committee. They are also involved in all of the intramural sports, but for Lambda Chi Alpha, sports involvement doesn't stop there. There are members on the Intercollegiate Crew, Tennis, Soccer and Basketball teams. Coach Ridder said "Lambda Chi has served as an instrumental part in helping our team achieve overall success." The fraternity also works behind the scenes. Chuck Hickey is a Resident Advisor, Brian Bednar works on the Phoenix yearbook staff and there are five other members who volunteer their time for CARAL (Call A Ride And Live).

Lambda Chi also has a large controlling voice in the Student Government Association; SGA President Vincent Stefano and Vice President Brian Murphy are both members of the fraternity, and the influence does not stop there. Tom Mule is a member of the Student Finance Board, and Jason Ambrosi and Brian Bednar were elected to the Interfraternity Council as Second Vice-President and Scholarship Chairman, respectively. SGA President Vincent Stefano remarked, "It should come

as no surprise that the SGA president, vice president and three other Lambda Chi's are heavily involved in student services and leadership. Lambda Chi fosters the development of responsibility, service to others and leadership."

In January of 1991, in an effort to increase fund raising potential, became the first and only fraternity to join the Daytona Beach-Halifax Area Chamber of Commerce. Former Lambda Chi vice president, Drew Soares, the one responsible for this, said, "We needed to increase our fund-raising potential, so I figured the best way was through the local business community."

Next, the fraternity joined the "Adopt-a-Highway" program started by the Florida State Highway Department. Four times a year, the Brothers and Associate Members can be seen cleaning up Beville Road between Clyde Morris Boulevard and Ridgewood Avenue. Every year they work with the Halifax River Ministries in the Raiders for the Needy program collecting food donations for the less fortunate. They also take part in a Bowl-A-Thon for the Muscular Dystrophy Association. The fraternity uses the Volusia County Volunteer Center which directs people to groups in need of volunteers. Through the Center, the fraternity has come in contact with the Conklin Center for the Multi-Handicapped/Blind, I-Care, the Alzheimers Assistance Center and a Youth Motivation Program.

Perhaps the most enjoyable program is the Tramp-O-Thon, in which the members jump on a trampoline continuously for thirty hours, in order to raise money for the American Cancer Society.

Lambda Chi Alpha President Robert Weizig said, "We are looking to change the general outlook on fraternities. Our involvement on campus and off has given us a high rate of visibility." Altogether it gives Lambda Chi Alpha the edge to continue expanding.

Motivation

(continued from page A4)

The growth of the number of clubs was up almost linearly. In Fall '89 the number of clubs was 62. Yet the number had grown to 85 in Fall '91. The number of students in each club mirrored the growth of clubs. It shot from 1.5 thousand to approximately 2.3 thousand students.

Spring '90 yielded analogous results. Student involved in this term dropped from 1.5 to 1.2 thousand. None the less the number of clubs still increased from 62 to 66. Next Fall the situation turned right back

around. The number of students involved went from 1.2 to 1.9 thousand.

Intramurals showed the same kind of increase. J.B. Caldwell and Leslie Whitmer of Recreation expressed

...the results shown in the voluntary attrition rate of new matriculants is 32.3 percent University wide.

that it would be improper to measure the Spring and Fall terms together, since there are less events in the Spring. They also pointed out that this growth occurred while their facilities were cut.

The number of participants in Intramurals Sports grew from 1.6 to over 2.4 thousand in the Fall terms. Spring terms were far below Fall. Yet, Spring grew

from 1.2 to over 1.8 thousand in an almost perfect line.

The most surprising results from the study were the attrition statistics obtained from Maria Makowski in Institutional Research.

The attrition results were expected to be extremely poor, due to all of the attention it drew from Administration. Yet, the results from the Attrition Report showed that ERAU rate has held consistent over the years. However, the results shown in the voluntary attrition rate of new matriculants is 32.3 percent University wide.

Institutional Research measures attrition in the transitions from year to year.

Though it is not the intention of this study to draw conclusions, it is evident that the motivation of the students is not as poor as it is typically viewed.

In fact, the only true finding of poor results were in the survey. This has to be considered as anomalous.

All the other results showed that students are active in the "University society" and maintain a GPA consistent with the national average.

The number of participants in Intramural Sports grew from 1.6 to over 2.4 thousand in the Fall terms.

	TRENDS IN UNDERGRADUATE ATTRITION RATES							
	VOLUNTARY ATTRITION				TOTAL ATTRITION			
	1987-1988	1988-1989	1989-1990	1990-1991	1987-1988	1988-1989	1989-1990	1990-1991
DAYTONA BEACH	19.7%	19.2%	17.0%	19.1%	23.9%	23.1%	21.5%	21.8%
PRESCOTT	21.6%	21.7%	18.6%	18.4%	26.7%	25.3%	21.1%	20.7%
TOTAL UNIVERSITY	20.1%	19.8%	17.4%	18.9%	24.9%	23.6%	21.4%	21.5%

Over a fifth fly away...

Attrition rates had Administration worried, but the actual numbers relieved the tension.

Institutional Research grants

Craig Hughes, Dan Siegel and Greg M. Delea assisted in writing this story.

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Career Day is expected to be largest of the year

(Career Center) Transcending a weak economy and poor employment outlook, the Career Center expects the largest Career Day ever this year on Thursday, January 23. This event will bring employer and industry representatives together with students to explore career opportunities. Students visit the booths and displays and chat with company representatives in an informal manner.

A welcoming reception will be held for employers on Wednesday evening, which is attended by invitation only. Career Day itself opens to students at 9:30 a.m. on Thursday and runs until 4:00 p.m. Please note, however, that employers will be taking lunch breaks between noon and 1:30 p.m.

Some of the employers will remain on campus Friday, to conduct interviews with seniors and alumni they meet during Career Day. Bring resumes and dress professionally. Even if an interview is not obtained, Career Day is a valuable way to make contacts to whom future correspondence can be addressed.

Over 40 booths will be set up, and some of the employers attending include: AIG, American Airlines, ARINC, CIGNA, DEA, Delta Air Lines, DISC, Elsinore Aerospace, Evergreen Int'l. Aviation, FAA, FBI, Federal Bureau of Prisons, Flight Express, Hawtrel Refurbishment Center, McDonnell Douglas, Nassau Flyers, Naval Air Systems Command, Northwest Airlines, Stewart 51, United States Aviation Underwriters and UPS.

Sophomores and Juniors interested in becoming camp counselors for the U.S. Space and Rocket Center, or for the Florida Sheriff's Youth Ranches, should also attend for information and interviews. Additionally, Dave Brown, corporate pilot for Proctor & Gamble, will be soliciting applicants for their corporate aviation student development program.

A complete listing, and more information about the companies planning to attend, is available outside the Career Center. For the best results, students should determine in advance which companies interest them, conduct research on these companies, prepare questions and practice what they will say about themselves to the employer.

Sliwa speaks on computer exploits

by Bill De Brauwier
Campus News Reporter

President Sliwa held a colloquium on "Numerical Optimization Problems in Aircraft Design" in room W306 on Tuesday, January 21. In attendance were numerous members of the faculty from all academic departments, including various students.

After a brief introduction, Dr. Sliwa explained that his speech would deal with the technical experiences he gained while working as a young engineer for NASA between 1977 and 1983. When he was hired he decided to work on a project that would study whether or not the use of active controls on various aircraft designs would optimize the potential of the aircraft and would still be economically feasible.

With these controls the price of the aircraft would be higher than the original estimate. However, the study would determine if the advantages, such as reduced weight and lower fuel consumption, would reduce the operating cost of the aircraft. This would offer the operator greater savings and better performance over a longer period of time.

The main tool he used in his studies was a computer program called OPDOT. This program allowed him to input numerous factors and variables, which included aerodynamic data and constraint factors. He could then manipulate them or let the computer manipulate them to obtain the optimum performance of the aircraft design.

He gave examples of how he and a colleague used the computer to find the optimum trim of aircraft that have three control surfaces and/or thrust vectoring, such as the F-15 STOL-DEMO.



Optimum OPDOT...
President Sliwa lectures on his design program to colleagues.

The computer could also be used to reduce design costs. Several variations of an aircraft design could be run through the computer. The designers could then determine which of these variations warranted further study and funding. These savings would then be passed on to keep the cost of the aircraft to a minimum.

Although his speech was very technical, it was also very interesting and in some cases funny as Dr. Sliwa faced the one hour speech and question/answer period with a few well placed jokes.

Dr. Sliwa explained that his speech would deal with the technical experiences he gained while working as a young engineer for NASA.

CARAL saves students

Call A Ride And Live is a volunteer service that the Student Government Association provides for Embry Riddle students every Friday and Saturday night.

If you have been out drinking, and are not able to drive home safely, or you went out with someone who has had too much to drink and you do not feel safe as their passenger, you can call 226-6000. Tell the operator your location, and the number in your group and a volunteer driver will come pick you up and take you safely home.

This is an anonymous service. Call A Ride And Live will begin operating for the Spring semester on Friday, January 24. The hours of operation will be from 11:00 pm to 3:30 am.

If you are interested in volunteering to drive or accompany a driver, please leave your full name, driver's license number including state, date of birth and a phone number where you can be contacted with a student assistant in the S.G.A. office. You will only be asked to drive one night during the semester. Thanks to all of the volunteers who helped make C.A.R.A.L. run last semester.



Legal eagle...
Club president, Jon Jackson is ready to take action in the Pre-Law Association of Aviation Students.

Pre-Law club gears up for new semester

by Martin Kammerman
News Editor

Aviation law is one of the growing specialized fields of law. Since aviation is an industry that is heavily regulated, there is a much interest in how present and future regulations will affect aviation professionals. The Pre-Law Association of Aviation Students is an Embry-Riddle club with these interests in mind.

The Pre-Law club which will be meeting Wednesday night (January 22) at 7:00 p.m. in the Student Center Conference Room was originally founded in the Fall of 1990 with the intent of exposing students to the complexities of law. Following ERAU's specialty, the club often entertains topics relating to aviation.

According to Jon Jackson, the president of the Pre-Law Club, "The purpose of the club is to enhance members knowledge of law in general and organize activities to meet that goal."

With this in mind, the club has plans to have lawyers come and speak. In addition, the club will be sponsoring a mock trial for later in the semester as well as attending mock trials held at Florida State University. There is

help available for people taking the LSAT. The LSAT is a required four hour grueling exam that tests a candidates skills at logic, reasoning, reading comprehension and essay writing.

"We hope to have a very active semester," says Ethan Serlin the Pre-Law Club's secretary, "we are going to have a booth set up at the Activities Fair in the hopes of attracting interested students. You don't have to want to become a lawyer to join our club."

Last Friday, Jackson visited two aviation law (AS 405) classes to inform the students of the goals of the Pre-Law club. Mr. Routh allowed Jackson about 10 minutes to tell the classes about his organization as well as fielding questions. By the time Jackson finished speaking to the two classes, he had a list of about 40 students that expressed interest in joining the Pre-Law club.

Jackson stated, "The warm reception I received from the students gave me the impression that there was a genuine interest in the Pre-Law Club. I'm looking forward to meeting many of these students personally at our meeting on Wednesday." He finished by saying that there will be a sign in front of the Student Center Conference Room Wednesday at 7:00 p.m.

"The purpose of the club is to enhance members knowledge of law in general..."
Jon Jackson

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A Space Camp Representative will be present on Thursday, January 22, 1992, for the ERAU Career Day in the Student Center. Interested applicants will be interviewed on Friday, January 24, EOE.

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Eagles make move in national rankings; now third

by Todd Hughes
Sports Reporter

The Embry-Riddle Eagles began conference play with a 12-2 record and ranked 5th in the nation in the N.A.A.U. II, and after three conference games have moved up to 3rd in the nation just 50 pts. behind the number one team. The Eagles opened play in the Florida Sun-Conference against the 13th ranked Flagler College Saints.

Flagler College

Coach Ridder and the Eagles traveled to St. Augustine to venture into the unfriendly confines of Flagler College; the team had never won at Flagler. This time the Eagles would come away with a sweet vengeful victory on the same court that Flagler used to oust the Eagles from the playoffs one year before.

Flagler College put their number one guard on Owen Busch to keep him from scoring, leaving their slower guard to cover Carlos Rodriguez. Carlos scored 13 points

hitting on five of eight shots and dishing out nine assists, nullifying the Saints game plan.

Sean Hester hauled down 12 rebounds against a team that was ranked at the top in the nation in rebounding.

The Eagles as a team had 32 defensive rebounds to the Saints 14 offensive, not giving Flagler very many second chance opportunities.

Owen Busch led the team in scoring for the eighth time in 15 games.

Sean Hester also had 15 points along with his 12 rebounds.

Andy McWilliams hit on four of five 3-pointers for 14 points in his best shooting performance to date. Carlos Rodriguez scored 13 points and Kris Shanahan rounded out the scoring with 11 points.

The game ended with the Eagles ahead 82-67, one step closer to the number one ranking.

Warner Southern College

Friday night the Eagles hit the road again and traveled to Lake Wales to take on Warner Southern College. This was their second meeting of the year (the Eagles outlasted Warner Southern in The Embry-Riddle Invitational Tournament, 100-85). The team beat Warner Southern again 105-91 to stretch their conference record to 3-0.

Owen Busch led six Eagles' scoring in double figures for the ninth time in 16 games, hitting five of seven 3-pointers for 24 points. Jeff Moore hit 12 of 13 free-throws for 22 points. The scoring was finished out by Andy McWilliams and Kris Shanahan who had 15 and 13 points respectively. Tom Fagley and Sean Hester each added 12 points and Sean pulled down eight rebounds to lead

all Eagles.

The game ended with the Eagles on top once again, 105-91.

Webber College

The Embry-Riddle Eagles went into Saturday night's game wanting revenge for two defeats from a season ago at the hands of the Webber College Warriors. Despite having to play a game the night before, the Eagles got by the Warriors, 96-93, and extended their home winning streak to 20 games.

Yet again Owen Busch led the team in scoring with 24 points and went six for six from the free-throw line. Sean Hester added 22 points and blocked three shots. Tom Fagley dished out eight assists and added 13 points. Jeff Moore pulled down 10 rebounds and was among three Eagles with 10 points.

The Eagles are now 15-2 on the season and 4-0 in conference play. The team has also moved into sole possession of the number three ranking in the nation.



Towering above...

Sean Hester (42) lays in two of his 22 points as Jeff "Moose" Moore (54) looks on.

Crew team purchases two boats on road to competition

by Arnold Roper
Sports Writer

The Embry-Riddle Crew Team (Rowing Team) is a new organization on campus headed by veteran rowers, President Lou Cinquante and Vice President Alan Paterno.

The Crew Team sees a bright future for itself with tentative competitions in spring '92. They will be competing against schools such as Florida Institute Of Technology (FIT), Stetson University, University of Miami and many more.

Training for the crew team has been in progress since the beginning of October and has been quite taxing on this band of athletes. Attrition thus far has been over 50 percent; but is still over 40 members strong. With new members joining, the team gets ready for competition.

Boats, or shells, for the Crew Team are now on campus. These are two Vespoli shells, one 8-man and one 4-man.

The boats have been partially

paid for by a small grant from the recreation department; however, the team is still left with a rather substantial debt.

The team is raising money through t-shirt sales, car washes and other fund raising activities.

Donations for the boats have also been made by various sources. The Crew Team has been seeking people to donate oars at \$200 each. Any individual donating an oar will have their name engraved on it.

To date oars have been donated by Embry-Riddle President Dr. Steve Sliwa and various rowers' parents.

If anyone is interested in making a donation of any kind, please send a check or money order to: Embry-Riddle Rowing Team c/o Department of Student Activities, Embry-Riddle Aeronautical University, 600 S. Clyde Morris Blvd., Daytona Beach, FL 32114-3900.

All donations are tax deductible and will be greatly appreciated.



A christening...

Eight members of the ERAU Crew team take to the water for the first time in their brand new shell.

ERAU steamrolls USF in spring season opener

by Grant Bever
Sports Editor

Even though the temperatures dipped down below what many players thought were "freezing," the Eagles once again placed another mark in the win column. Last Saturday Embry-Riddle hosted the University of South Florida for the first game of the spring season.

The Eagles simply dominated the field. Within the first four minutes of the game, they had outscored the Bulls by 5-1. At the half, the Eagles had a comfortable lead of 10-4. Seven more goals were scored by the Eagles in the third quarter versus one by the Bulls. Both teams went scoreless in the final quarter.

At the other end of the field, the Eagles' defense held strong. Jim Miner did an exceptional job at defense, leading Bill Riser and Rhett

Milano in shutting down the Bull's offense. Second string goalie Bryce Buzzard replaced Mick Syski in the fourth quarter, and held the Bulls scoreless.

Jason Whitaker played an impressive game. He led the team in scoring and assists with five and three, respectively. Scott Clark was a close second, scoring four goals and one assist. Chad Vischer and Will Langmann both had three goals. Mike Juenger, Mike Poppie and Eric Sinn all scored one apiece.

The Eagles are working to go to the top this year, and this is certainly a good start. Next week they face Florida State, the only team to beat them last fall.

The game will be played at the field on Corsair at 1:00 p.m. on Saturday.

Within the first four minutes of the game, they had outscored the Bulls by 5-1.

Letters

(continued page A2)

someone else's deranged pleasure - I'm sure most of you wouldn't want to either.

Is this a school of vandals? Can we expect a new club - or perhaps some new classes? (Penny theft 101 comes to mind.) I could earn a minor in vandalism.

To the growing numbers of victims - you have my sympathy. My advice to the possible victims - be wary. Lock your belongings away. I do hope that upon reading this that you too have not joined the growing masses (of victims).

I am offering a reward for information on the theft of my possessions on or about November 14 or 15 (early A.M.) The aforementioned items were of quite some value - and were not too easily removed. I am confident someone may have noticed something.

Thank you for your kind attention.

Darren Tilman
Box 1334

JY 15

(Continued from page A1)

sailing celebrities including the boat's designer Rod Johnstone, members of his family, executives of the Johnstone Yacht company and others.

The Saturday night intermission between race days saw hundreds of restless sailors chowing down and drinking up at the Mount Gay Rum party, one of the most popular events of the weekend. This plentiful supply of food and drink, as well as a night's sleep, prepared everyone for Sunday's competition, when two races were run on most every course. Feechio and Kohinke vastly improved their standings with a tenth and an unconfirmed third place finish, both in conditions that varied radically from 0-12 knots. "If the race committee would've had their head screwed on right on Saturday," agonized Sacha Feechio, "they wouldn't have counted that first

race, and we would've easily been in the top ten in our class. I smell a scandal." Also held on this day were the only two Ocean Breeze 18 races, resulting in double bullets for ERAU.

Other finishers from the school were Jim and Cheryl Cunningham aboard their Hobie 18 and Mike Zable on his Hobie 16. Jim and Cheryl placed intermediately, while Mike claimed a second place in his class.

Coming up on the sailing team's agenda is the spring intercollegiate season, in which Embry-Riddle will be hosting one of the races for the first time over. The team will also be organizing its first invitational regatta. Both events are being made possible by the generosity of the Johnstone Yacht company, which is lending the school eight of their new boats for racing use.

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The KLF C&C Music Factory Crystal Waters	Boyz II Men High Five Color Me Badd

Music Awards to air on Monday

by Jason Simon
Diversions Editor

So you say you have nothing to do on a Monday night besides eat Morrison's food and go to the bathroom incessantly. Well, this Monday night you will have a new diversion while ABC telecasts the 19th annual *American Music Awards* live from the Shrine Auditorium in California. The telecast is scheduled to start at 8 p.m.

Hosting the ceremony is Rap/Pop star Hammer, who recently dropped the M.C. from his name. Emcee Hammer will help present 30 awards to musicians in seven categories:

So you say you have nothing to do on a Monday night besides eat Morrison's food and go to the bathroom incessantly.

Pop/Rock, Country, Rap, Rhythm and Blues, Heavy Metal/Hard Rock, Adult Contemporary and Dance Music. The results, which are taken from votes from the American record buying public, are kept secret until the envelopes are opened during the telecast.

Among those who are slated to

appear during the Award program are Paula Abdul, Herbie Hancock, Lita Ford, Wynonna Judd, Clint Black, Garth Brooks, Natalie Cole, Whitney Houston, James Ingram, Chaka Khan, LL Cool J, D.J. Jazzy Jeff and the Fresh Prince, Color Me Badd Naughty By Nature and Spinal Tap. In addition, a special "Award of Merit" will be presented to James Brown (who is not dead) for his "outstanding contributions over a long period of time." So order a pizza Monday and avoid those who have the ability to screw up lettuce. The *American Music Awards* will be hot.

Airships are focus of new book

by Greg Naccarato
Advertising Manager

The book entitled *Airshipmen, Businessmen, and Politics 1890-1940* by Henry Cord Meyer fills a little niche of aviation history that has received very little press over the last 90 years. Mr. Meyer analyzes the political climate, social climate and personalities involved with airship development in the three countries which extensively developed the airship into a somewhat viable alternative for world-wide transportation.

Germany was the first and foremost state which actually showed the growth of the two airship pioneers who were in direct competition for the valuable (and required) government contracts. Most aviation enthusiasts know of Count Ferdinand von Zeppelin and attribute most of the success in development to him, but he was really just riding on a dream and great determination. He died on March 8, 1917, but one man kept the Count's dream alive until the early 1940s. His name was Dr. Hugo Eckener and seeing the Zeppelin airship live became his passion.

Zeppelin's and Eckener's opposition was Dr. Johann Schutte who was a naval engineer trained to design sea-going vessels. Dr. Schutte translated the physical forces acting on a ship in water to that of an airship, and his airships

were technologically superior to Count von Zeppelin's until World War I broke out. The Imperial government in Germany, seeing the usefulness of airships as long-range bombers and reconnaissance aircraft with long times over target, mixed the best traits of the two construction camps for the betterment of the "Vaterland." The two pioneers were given promises that the technical differences would be reasonably compensated between the two companies after the war was won by the Imperial government. As this did not happen, Dr. Schutte was afterwards a devastated man who was near financial ruin and forced to live in the shadow of the widely known German folk hero Count von Zeppelin.

The second country to develop airships was Great Britain. After the war to end all wars, the Allied countries divided the spoils of the German war machine in which England received one of the Imperial airships. This one was tested and the technology copied into the service of the English rigid airships. Terribly the experience of this country was little, compared to that of Germany, and the English got in over their heads.

In the United States the town of Akron, Ohio is highlighted in Meyer's book as the site of rigid airship development. The United States was greatly dependent upon the

technological know-how of the two German companies under Eckener and Schutte. These two men had delegations touring Washington D.C., New York and Akron to lobby and gain bids from the U.S. Navy to buy their airships. As airships were dangerous with hydrogen and very expensive to build, the U.S. government moved towards funding the development of the land based airplane and the flying boat. From then on rigid airships passed into the memories of others, and faded away.

For the aviation history buff, Meyer's book explains from a unique point of view, the development of the airship primarily as a contest between Eckener living for Zeppelin's dream and Dr. Johann Schutte. All three men were both proud and resourceful in attempting to make their lives a success by getting their own airships to fly.

As a solid piece of historical aviation writing, the Smithsonian Institution Press was right for publishing Meyer's book, but a lofty price of \$45 seems a little much for such a nearly obscure work. If you are into airships I would check it out of a library and read it. If you are looking for a worthy piece of aviation historical literature though to round out your own library, this would make a nice addition. Your best bet still is to check it out of the library.

CRITIC'S CORNER:

Bruce Willis bites it in the 'shoot 'em up' thriller *Last Boy Scout*



George Clarke

Diversions
Movie Critic

I don't know about you, but I spent Christmas break on my butt watching cable. I like those Easy-Glider ads ("See Keith's amazing home video..."), but my favorite cable thing is that epic 30-minute

SoloFlex ad - the one with that tennis playing brunette Venus pumping and grinding through the donkey press. But all of this exercising got me feeling guilty about my fatness, so on one occasion I got off of my rear to see a movie - *The Last Boy Scout*.

What we've got here is a shoot 'em up film, along the lines of *Lethal Weapon* or *48 Hours*. The film has all the ingredients of a good shoot 'em up: cars blowing up in slow motion, guys getting blown

up in slow motion, sex in slow motion, and the politically correct one black and one white male leads (who blow up some guys and cars and seduce various women in slow motion).

Bruce (*Die Hard*) Willis and Daman (Homie the Clown) Wayans play those male leads. Bruce's character is a down-and-out private investigator who gets a last chance at success when he is charged to find out who's trying to kill the girlfriend of the ex-quarterback

(Wayans) of some fictitious California football team owned by a crooked old fat mobster guy. But the girl is killed off early, so Wayans and Willis team up to find the evil types who did it.

The film is directed by Tony Scott, who many of us know as the director of *Top Gun* and *Days of Thunder*. If you've seen any of these movies (which, by the way, all contain cars, people and airplanes exploding in slow motion), you've noticed that all of the scenes

in these films are dark, smokey and photographed through a purple filter. Scott follows through with the tradition, making every shot in *Scout* seem like it was filmed in Cheech and Chong's kitchen. His artsy-fartsy direction works well most of the time, and is about all that keeps this movie from being typical.

Did I say typical? Yes. But maybe typical is a little strong. The movie did look good. And it was a fair action yarn. Bruce's perfor-

mance was suitably laid back, and there is fairly good chemistry between his character and Wayans'. There are some nice touches and gimmicks throughout the movie, although the family drama sub-plot only took away from the sex and exploding cars and people (all, of course, in slow motion).

If you have the \$5.75 to see this movie, I advise renting *Lethal Weapon*. Then you'll have a few bucks left over to send away for that Thigh Master thing.

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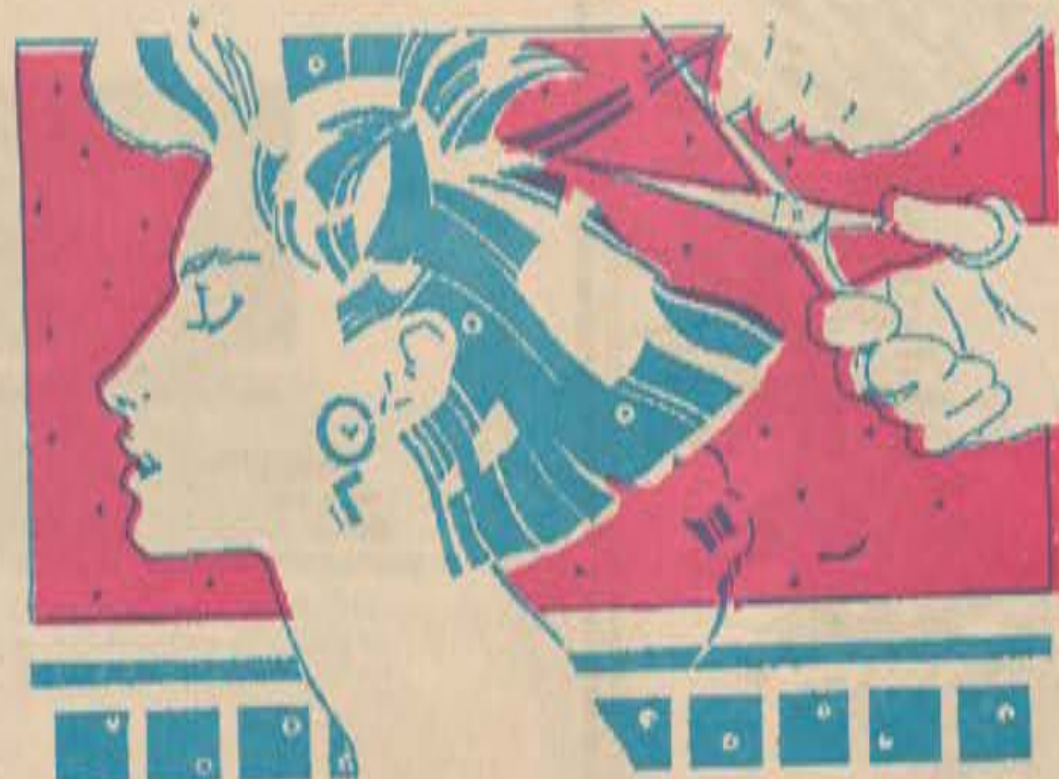
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