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Embry-Riddle Aeronautical University

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AVION

An Award-Winning Newspaper by Students for Students

Volume 64, Issue 1

Embry-Riddle Aeronautical University, Daytona Beach, Florida

January 24, 1990



Photo by Chip Zedrow

NASA climbs into decade with launching of STS-32

by Chip Zedrow
Space Technology Writer

Kennedy Space Center — The National Aeronautics and Space Administration (NASA) and its Space Transportation System (STS) started off the new decade with a triumphant mission.

After several weeks of delays, *Columbia* and its five astronauts blasted off into the early morning skies on January 9, creating a spectacular and colorful scene.

The launch of STS-32 had been planned for December 18, but delays in the refurbishment of the Pad and Mobile Launcher Platform (MLP) led to a rescheduling for Jan 8. *Columbia* used Pad-A which had not been used since the ill-fated *Challenger* flight. NASA had used the down-time to renovate the out-dated pad and facilities. They also refurbished MLP-3 which the orbiter and its boosters rest on. MLP-3 was left over from the earlier Apollo days.

NASA officials and scientists around the world were quite nervous with the delays and tight schedule, as a result of the necessity to retrieve the falling Long Duration Exposure Facility (LDEF) satellite.

As launch day approached, it was pretty clear that Mother Nature would hold up the launch at least another day. Nevertheless the crew climbed into the orbiter Monday morning despite the early morning fog and low ceilings.

The countdown clock ticked down to T minus 9 minutes when NASA officials gave the go for launch except for the weather. As the launch window came to a close, Launch Director Bob Sieck gave the word of the scrub.

As the crew climbed into the orbiter the next morning the weather looked a bit better. At T minus 9 minutes Sieck gave the go for launch. At T minus 3 minutes the sun rose and brilliantly lit the orbiter and giant rust colored external fuel tank. Three minutes later the main engines ignited and the five astronauts were headed for space.

While in orbit, the first day was spent fixing a faulty fax machine and conducting minor on board experiments. Day two was the actual beginning of the astronauts' busy schedule. The day's schedule included the deployment of the Navy's SYNCOM communication satellite. Mission specialist David Low deployed the SYNCOM satellite while commander Dan Brandenstein maneuvered the orbiter to a

safe distance prior to the satellite firing its own engine to boost itself to a higher orbit.

Day three included more maneuvers with the orbiter to get on an intercept course with the LDEF satellite. More on board experiments were also conducted, such as the protein crystal growth experiments and several medical experiments performed on the astronauts themselves.

Day four of the flight included the biggest task yet. Mission specialist Bonnie Dunbar used the 30 foot remote manipulator arm to harness the falling 11 ton LDEF satellite. After capture the crew photographed the satellite for several hours to check for damage. The satellite was then maneuvered into the cargo bay for its trip home. LDEF carried 57 experiments on board and spent a total of almost six years in space.

Other secondary experiments included the photography of nighttime thunderstorms back on Earth to aid meteorologists in better weather forecasting. Continuous monitoring was also conducted in the cargo bay during flight. Experimentation on the effects of vibrations on crystals from sources such as walking in space was performed by the astronauts.

More predominantly to be seen by the general public will be the hundreds of photographs taken with the IMAX camera. Unfortunately several of the areas to be photographed by the astronauts during the flight were cloud covered due to the mission. This is the second attempt to use the large screen format IMAX camera.

The flight of STS-32 was also planned to be a test flight for the Extended Duration Orbiter (EDO). The orbiter and crew paved the way for the future EDO space flights that will last more than 20 days. Additional on board fuel was carried along with more food and air supplies for the crew.

The landing of STS-32 was delayed one day due to early morning fog, thus giving the crew the opportunity to spend more time in space than any shuttle crew ever had. The mission lasted for 10 days and 21 hours with a touchdown at 1:36 a.m. PST last Saturday morning.

The 229,500 pound *Columbia* and its satellite cargo were the heaviest shuttle to ever land at Edwards Air Force Base. A concrete runway was preferred over the soft dry lake bed to ease Brandenstein in landing.

NASA is filled with outstanding, truly dedicated people...

Rick Hauck
NASA astronaut

Sailing away...

The Space Shuttle *Columbia* climbs into the early morning Florida skies to begin its record long flight. The flight included the deployment of one satellite and the retrieval of another. The crew and orbiter landed safely Saturday at Edwards A.F.B.



Photo by David Fekke

Pastel palace...

Dedication ceremonies for the new Airway Science Simulation Laboratory, located at the intersection of Clyde Morris and Catalina, will be held Thursday, January 26. Construction of the building was paid for using funds from sources outside the university. Most prominent of these donations was a grant from the Federal Aviation Administration for the amount of 1.5 million dollars. Some negative response on the ASSL's location has been received from students.

Graduate pilot comes home

by David Fekke
Campus News Reporter

It is not often that the University is visited by the presence of a military jet aircraft. Major David Janik from the Thunderbird Squadron landed a F-16 here at the airport the Monday before classes started.

Janik is an graduate of Embry-Riddle Aeronautical University. He started flying when he was just 16 years old. He received an ROTC scholarship at Case-Western University and was there for a year before the ROTC detachment there closed down.

"I happened to be reading *Flying Magazine*," said Janik, "and there was a big ad from the ROTC detachment down here in *Flying Magazine*, so I called down, and that is how I got started."

Janik came down here in the summer of 1972. He was in the Aeronautical Studies program and flew little while he went to school here.

At this point in time the Vietnam Conflict had just ended. The Air Force wasn't taking in any more officers to active duty status, but Janik decided to wait until the Air Force needed him.

Janik worked driving a truck for three months and then was hired as the new manager for the Aiki Condominiums. His employers understood that he could go on active duty any time, and he did in March of 1976.

Janik got his pilot training at Vance AFB, and worked there as an instructor until 1980. After Vance, he got transitioned into the F-4 at nearby MacDill AFB, got stationed at Clark AFB in the the Philippines.

He then came to Homestead AFB in 1984, and transitioned in the F-16 while he was there. He said "I was the Chief of Flight Safety for the Wing, and that is what I wound up as. And while I did that, I wound up doing a couple of accident investigations."

Janik has been flying with the Thunderbirds since November 1988, and will fly with them until December 1990.

When Janik was asked why he was going to stay in the Air Force until retirement, he said, "It is called Patriotism, and as corny as that sounds, I know I am not doing this to make money, and I know I am not doing this to build flying time, because that is not why I am in. So it



Photo by David Fekke

Thunderbird comes home...

Major David Janik, The narrator for the Thunderbirds, shows off his F-16 at ERAU's Flight Line.

is just I am proud of what I do. Some people may not consider flying airplanes fun, I will say that when I go to work in the morning, I have a smile on my face."

The last thing that Maj. David Janik had to say was to the students: "Coming out on campus makes me feel real good, when I look at what was here when I got here, we had 2000 students and since then it has really turned around...this is a well respected

University in the aviation business, and its getting notoriety amongst the academic institutions. So that to me is important. It is important for the University, but it is also important when I walk in somewhere and say I have a Degree from Embry-Riddle, and they don't look at me and go "Where is that!". It is very well known and respected. Students here need to keep up the good work, and keep the high standards."



Campus News

Section Highlights...

Left...

Rick Kelly licks the Ivory in a Motown tribute before 125 Embry-Riddle students.

Right...

On the heels of the launch of *Columbia*, NASA begins the 90's with preparations for another upcoming flight.



Space Tech

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Editorial

Should the use of drugs be made legal?

An emergency room in Columbus Ohio. Someone sitting next to you is shaking all over, her eyes are rolling back into her head, she is talking to you one minute while another she is limp and semi-conscious. The two of you are waiting while another victim undergoes immediate surgery to rebuild his chest from a shotgun blast incurred during an attempted robbery.

Many people, possibly you, are questioning whether the sale of narcotic drugs and other addicting drugs should be legal to buy at one's convenience. Proponents argue that according to the Bill of Rights of the United States Constitution, freedom of choice should be extended to the use of these products. If you want to ingest these substances into your own body, why not? Every person's body is their own domain. Isn't it?

Other problems would be solved, like the revenue from these sales would come under the government's watchful eye and that of the Internal Revenue Service. This income could be taxed, to bring more capital into the federal institution, which our forefathers created.

The law enforcement agencies would also save money and man power from trying to keep the flow and the use of these substances in the U.S.A. They could go after real criminals who murder, burglarize, and threaten the well being of others.

Another argument for the use of heroin, crack



Greg Naccarato
Clubs Editor

and other products is that people are going to use them whether they are legal or not. This does not add up. If the deterrent of getting caught prevents just one person from using these drugs, the law is effective.

Yes more money would be available for treatment centers and drug education, but would not that funding plus still greater amounts be needed to help those dependant on drugs?

Admittedly, if the drug trade were brought into the open the quality and purity could be controlled to help prevent overdoses. Yet another question arises, who would be allowed to buy it? Should we

regulate the age of consumption and the price to obtain it? Well a price is set, could not someone sell it cheaper; hence a blackmarket would exist anyway.

The freedom of choice is an important asset to the citizens of the United States, but these drugs hamper that choice. Because these drugs are physically addicting and the user needs more and more to maintain their habit. The appropriation of these drugs becomes paramount, other responsibilities are shunned which results in loss of employment, souring of relationships, etc. So the user turns to crime to provide the means to obtain the drugs.

Would we not be back where we started, except a majority of the country would be in their own little worlds. Problems would not be solved, much less considered.

My main goal is not to answer any questions, but to get people like you to think and form answers yourselves. We have argued on an academic level. Now what is your gut feeling with this decision? This gut feeling encompasses a combination of logic, feeling, common sense and maybe even heart.

The world has many problems, and even more solutions. We are tomorrow's leaders who will make and implement these solutions. We can escape from these problems by either withdrawing by the use of drugs or by facing the problems head-on.

Letters to the Editor

Great building?

Lab whining

To the Editor:
I am writing in reference to the new building which the University has erected on Clyde Morris Boulevard—the Airway Science Simulation Laboratory (ASSL). There are two basic flaws with the structure which should be self-evident but which the University is either too "economically impoverished" or too apathetic to address.

The first of these flaws is the lack of parking provided to students who must attend classes in the University's most recent addition. Students who have classes in both the ASSL building and the main campus are placed in a very difficult situation if these classes follow each other. It is physically impossible to make the trip in ten minutes or less.

The second and more serious of these flaws is the nature of the intersection which students must cross in order to get to the ASSL. The intersection between Clyde Morris and Catalina is extremely dangerous. Is the University waiting until a student is injured or even killed before providing a safe method of traversing this intersection?

To the Editor:
Recently I went to the computer lab to finish my Financial Accounting II homework. Upon arriving at 11:15 a.m. I was told that the entire lab with the exception of the mainframes was being used by a class.

My accounting homework, however, was due in four hours and my classes are consecutive beginning at 12:30 pm on Fridays. I was told to come back at 12:30 pm when the lab would be free.

Not wishing to miss a class, I was forced to give up the homework that I had every intention of finishing. The worst of the situation is that the older PC's that I planned to use to do my homework were not even being used by the class.

Is this policy acceptable? The hours the class would be using the lab were not posted, what are the rest of us to do.

Joe Cambron
Box 8316

Correction

In the final fall issue of 1989, the Avion regrets having made the following error in a story entitled "AFROTC accused of hazing."

A line in that story incorrectly characterized an investigation as being undertaken for "the SGA by Becky Robinson, a non-student SOA official."

It should have stated that the investigation was being undertaken for the University by Becky Robinson, Associate Dean of Students.

The Avion apologizes for any inconvenience this may have caused.

Tina Matila
Box 7832

Tuition waste

To the Editor:
When I first came to this university in 1987, all students were given a two-week grace period to pay their tuitions. Today, the same can be accomplished through the use of a tuition agreement form.

But, what has this form accomplished? It does nothing but cause more paper pushing, aggravation, and expense for the university.

Jason Simon
Box 6398

A new generation may have a year to compete with 1969

Many people look back at 1969 with an air of nostalgia. The moon landing, Woodstock, and seemingly dozens of other events from the cancelling of Star Trek to a major oil spill off California have frozen that year in many people's memory. To those of us whose memory of that year was made fuzzy by our position in the womb or cradle, our generation may have a year to compete with that great one.

Although with the ending of 1989 the world seems to be only getting ready for the ending of a millennia in ten years, one more opportunity to extol the past seems a reasonable concession to progress.

Just as in 1989, the Navy was plagued with deadly mishaps in 1969. The U.S.S. Iowa explosion can hardly compete with the 27 sailors that were killed in an explosion aboard the U.S.S. Enterprise on January 13 of that year. January of 1969 also brought, Republican, Richard M. Nixon to the White House, much the same as last January brought another Republican to office.

In February of 1969, the Union Oil Company suffered a mechanical failure at an off-shore drilling platform that eventually covered 800 square miles of California coastline with a giant oil slick. Apparently, the problems in the port of Valdez, Alaska



Joe Cambron
Managing Editor

are not uncommon. The accident did force the government to tighten up on safety requirements for the transporting and production of oil at sea, though these new guidelines were mostly ignored by oil companies over the long term.

On the aviation side, 1969 marked the first flight of the world's largest airliner, sadly it also was the year of the industry's worst accident to date. February the ninth was the 747's first flight. Coincidentally, 1989 marked the first deliveries of

Boeing's 747-400 which is simply an outgrowth of that benchmark transport. March the sixteenth shook the aviation industry, however. It was on that day in 1969 that 155 passengers and residents died when a DC-9 crashed into a residential area of Venezuela.

March of 1969 extended the rift between the Soviet Union and China that now grows wider with each passing day. Even as this year the Soviet Union moved toward freedom and a taste of democracy for the tongues of its Communist-bred populace, China opened its people's eyes long enough to realize those same eyes would eventually stare at the bodies of its overthrown leaders. That March twenty years ago marked the beginning of a border war between the two countries over a small island.

Of those in criminal court in 1969: James Earl Ray pleaded guilty to the assassination of Martin Luther King Jr. on March 10, and on April 17, Sirhan Sirhan was sentenced to death for the murder of Robert Kennedy. In 1989, John Hinckley was again denied release from the mental institution in which he has resided since attempting to murder then President Reagan, Jim Bakker was sentenced for fleeing his flock, Leona Helmsley for income

see 1989, page A11

Student Forum

The Avion asks: What do you think should be done to improve the intersection of Catalina and Clyde Morris?



Jim Reyes

Some kind of overpass. I guess they are waiting until one kid gets killed before they put one up.



Jim Johansen

The rumor is that three have to be killed before an improvement is made. The school should take responsibility. Our lives are more important than getting cars back and forth.



Doug Treon

They should have a sidewalk from the U.C. to here.



Robert Gniazdowski

I think they should build an overhead walkway.



Greg Malorey

An overpass would be good, but it would cost too much. It is pretty dangerous here.



Steve Royer

They shouldn't have put the building there in the first place.

Revolution in Romania causes jitters for Chinese leaders

by John Pomret
Associated Press

(AP) The tumultuous revolution in Romania, culminating in the execution of dictator Nicolae Ceausescu, sent shivers down the spines of the Chinese leadership.

Of the East European countries that experienced pro-democracy movements, Romania had the best relations with China. There also were similarities in their relative economic and political developments.

But while the Romanian people succeeded in their revolution, the Chinese student movement, which preceded the changes in Bucharest and around Eastern Europe by six months, failed.

Several critical differences between the two countries helped China's rulers. Their economy was stronger than Romania's. Their troops remained loyal. And Romania's revolution was watched by the benevolent eye of Soviet President Mikhail S. Gorbachev, while China's students had little but ample air time on Western TV.

A fear of chaos in China, brought on by nightmarish memories of the ultra-leftist Cultural Revolution, also helped the Beijing's hard-liners.

The question - Why not China? - is being pondered not

only by those who study Beijing, but by those who run it. Western and Chinese sources report meetings are being held weekly, and even daily, among Communist Party cells, government units and the military to stress the leadership's view of the Romanian revolution as an "anti-socialist uprising," much like the "counterrevolutionary uprising" of Beijing in the spring of 1989.

After Ceausescu's execution, more troops were rushed to Beijing to prevent demonstrations. One Hong Kong magazine reports that some senior cadres "were unable to eat" upon hearing of the dictator's demise.

Why did the tumult in Timisoara touch such a tender nerve among the Chinese leadership?

Romania had the closest ties with China in Eastern Europe and was in lockstep with the Beijing leadership on many issues of practical and political importance. Both countries at early dates in their Communist history distanced themselves from the Soviet Union's foreign policy. Both revered the discredited Soviet dictator Josef Stalin.

There were reports Ceausescu considered seeking refuge in Beijing as he fell from power.

Romania's political structure also closely resembled China's. Ceausescu was a dictator who placed family

members in important positions to perpetuate his Communist dynasty.

China for most of the past decade has remained in the hands of one man-Deng Xiaoping. Nepotism is rife.

But in June of 1989, the differences between the two countries proved critical.

The economic reforms did not come with any concrete political changes. Periods of relative liberalism were followed by crackdowns on "bourgeois liberalism" and "spiritual pollution," buzzwords for democratic yearnings.

But the people were not hungry, and their anger during the June pro-democracy movement turned quickly to fear. The bloodiest part of the crackdown lasted a weekend.

In Romania, meanwhile, Ceausescu choked his economy in his drive to repay foreign debt, sparking the most pervasive shortages in Eastern Europe. Among the people, hunger and exasperation with another winter without coal, oil or electricity led to desperation enough that people would risk their lives to complete the revolution.

In China, the military remained loyal to the state. One reason is that China does not have a special security force

separate from the military and was thus spared the possibilities of such a confrontation. Another is that China's army was born from a true national liberation struggle in the 1920s and has a long history of loyalty to the Communist Party.

But now the Chinese leadership appears to be sowing the seeds for the next round of chaos. It is dismantling the very reform program that saved it.

Leading reformers have been purged. Small-scale private and collectively owned enterprises are being closed throughout the country, putting millions out of work. Peasants are again being forced to grow grain, thereby sacrificing the lucrative vegetable market. The government has taken to issuing them IOU's that have no deadline for collection. Workers' salaries are effectively being cut as the government pays an increasingly high percentage of their wages in non-negotiable bonds.

Further blows have been struck by a fall in foreign investments.

One respected Hong-Kong based consultants' group recently branded China the riskiest investment in Asia-even worse than the Philippines, which is still reeling from the bloody coup attempt in December.

Fatal crashes reach high

WASHINGTON (AP) U.S. airlines had their most fatal air crashes last year since 1968 but the government says the overall accident rate for commercial air carriers and commuters declined.

In all, 278 people were killed in 11 crashes in 1989 involving scheduled and non-scheduled air carriers, down slightly from the 285 in 1988, the National Transportation Safety Board said Wednesday.

The most deadly year of the decade was 1985 when 526 people were killed in seven fatal commercial aviation accidents. The least destructive year was 1980 when only one fatal accident took place, killing just one person.

Also last year, 763 people died in accidents involving private or general aircraft, the safety board said, the lowest figure for that category since it began keeping statistics. There were 781 deaths involving general aviation accidents in 1988.

The board said the fatal accident rate for general or private aviation continued "an improving trend that lasted most of the decade."

There were 28 accidents involving U.S. scheduled and charter airlines last year, a decrease from the 32 accidents recorded in 1988. The 11 involving fatalities were the most since the 15 of 1968.

The fatal accident rate was 0.144 for

every 100,000 scheduled and charter departures, up from 0.026 in 1988.

The major scheduled U.S. airlines had 24 accidents last year, down from 31 the previous year. Of those two dozen accidents, eight involved fatalities, the most since 1973.

Accidents involving scheduled airlines took 131 lives last year, 111 of them when a United Airlines DC-10 crashed in Sioux City, Iowa on July 19. The safety board noted a passenger who died 31 days after the accident was not registered in its statistics.

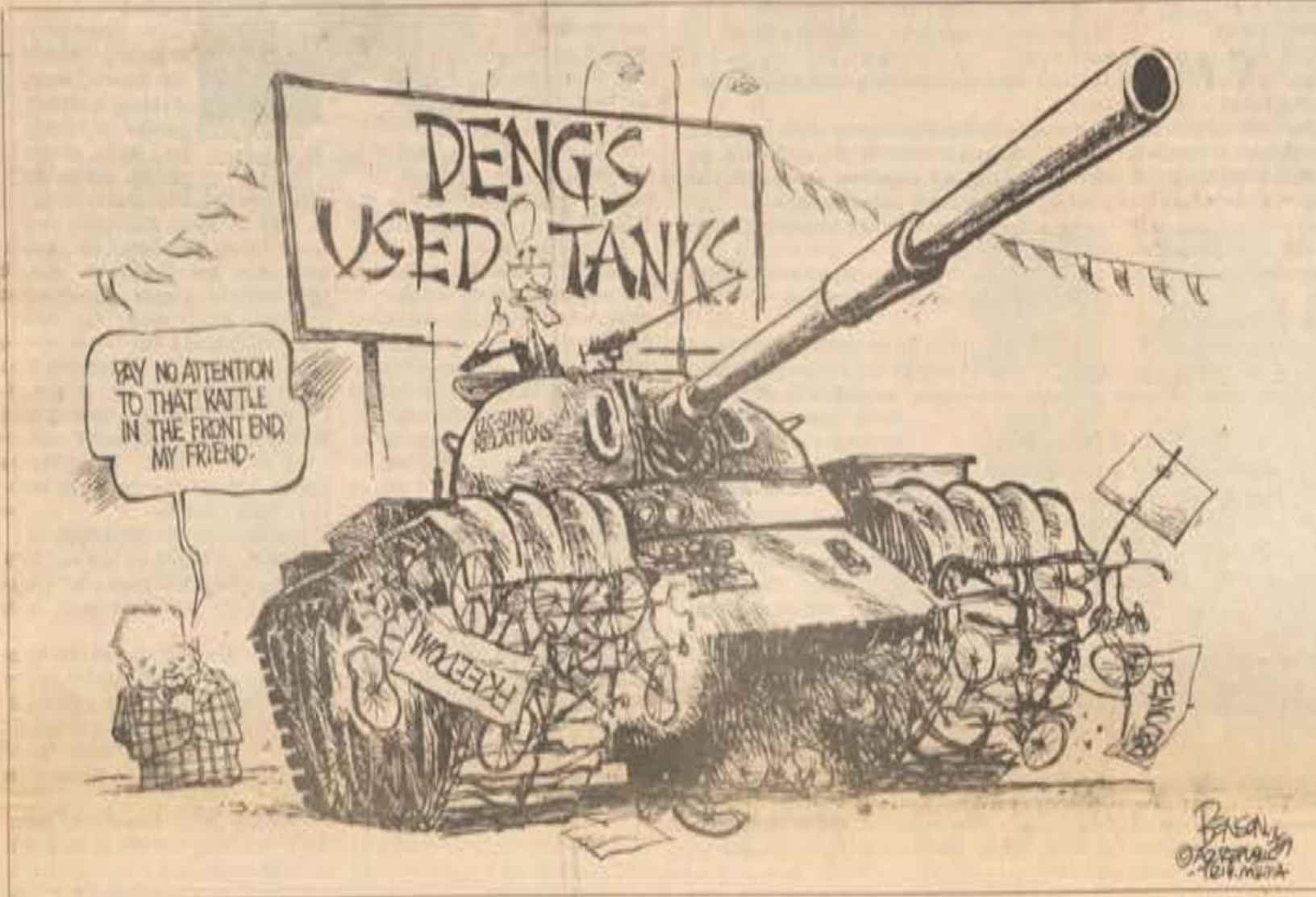
The scheduled-airline accident rate for each 100,000 departures was 0.328, down from 0.412 in 1988. The fatal accident rate rose from 0.027 to 0.109.

Charter airlines experienced four accidents during the year, three of them involving fatalities. A total of 147 people died, all but three of them in the Feb. 8 crash of an Independent Air B-707.

There were no fatal accidents involving chartered aircraft in 1988.

Here are other aviation accident statistics for 1989:

-Commuter flights: There were 18 accidents, one fewer than in 1988. Five fatal accidents, up from 2 in 1988, took 31 lives. That was 10 more than in 1988. The accident rate: 0.621 for each 100,000 departures compared to a rate of 0.654 in 1988.



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Intensive 'self-study' of ERAU required for re-accreditation

by Phyllis A. Salmons
Director of Outcomes Assessment
and Self Study

Embry-Riddle Aeronautical University, in preparation for reaffirmation of accreditation by the Southern Association of Colleges and Schools (SACS), is initiating a required self study process.

The "Self Study" is a broadly-based comprehensive participative multi-year process by which the University examines all aspects of its operation against the *Criteria for Accreditation*. Findings must be organized and reported in a self study document and appropriate recommendations for improvement must be included.

In the self study process, a document prepared by the University will be reviewed by a committee of peers representing member institutions of SACS. This "visiting committee" will determine if the University has established a quality self study process. They will assess the planning and evaluation processes in order to determine institutional effectiveness.

Institutional effectiveness means systematically comparing the results, outcomes or performance of institutional operations with the expectations as reflected in institutional goals and objectives. The quality of the educational program and the degree to which the institution meets the Criteria will be carefully examined by the visiting committee. This examination of the University by the visiting committee will occur before September 1, 1992.

In addition to institutional effectiveness, the self study document must address Embry-Riddle's Institutional Purpose in order to ensure a sound basis for University and department goals.

The Educational Program must be studied in order to analyze admissions and completion requirements, instruction, curriculum, continuing education, and faculty.

The section of the report concerning the educational support services will cover the library, instructional support, computer services and student development services.

Administrative processes to be analyzed include organization, institutional advancement, financial resources, physical resources, and externally funded grants and contracts.

The self study document will provide the opportunity for a careful examination of University long-range goals.

After receiving the entire self study document

compiled by a variety of committees throughout the University, the visiting committee will make a report and Embry-Riddle will have the opportunity to respond. The report, the corresponding response and the visiting committee chair's comments will be used by the Criteria and Reports Committee to make recommendations as to the accreditation to the SACS Executive Council, which forwards its own recommendation to the Commission of Colleges for final action.

In addition to determining to what degree the institution meets the Criteria, the Self-Study is designed to provide a process by which institutional effectiveness can be determined. The meeting of minimal standards can be assured so as to provide the public with a reliable judgment concerning educational quality at Embry-Riddle.

The self study document will provide the opportunity for a careful examination of University long-range goals.

Self Study activities began at Embry-Riddle with the assessment activities that have been taking place campus-wide. More than 35 individuals have attended conferences and workshops concerning assessment and institutional effectiveness. Faculty at Prescott have been working on a campus assessment plan for more than a year resulting in a study of Developmental Courses and a presentation in Flagstaff, AZ concerning assessment activities at Prescott.

Faculty from the College of Continuing Education have been informed about assessment procedures and are giving feedback about their special needs and considerations.

At Embry-Riddle, the self study process was officially initiated with the formation of the Outcomes Assessment Steering Committee, campus-level committees for Daytona Beach, Prescott, and the College of Continuing Education, and department-level assessment committees. The primary purpose of the assessment committees is to direct that portion of the self study which involves Section III of the Criteria: Institutional Effectiveness.

In the Fall of 1989, the assessment committees compiled an Assessment Inventory of planning and evaluation measures currently in place throughout the University. The Assessment Inventory was in-

cluded as appendices in a January 1990 status report to Embry-Riddle's SACS liaison, Dr. John Sites, the Associate Executive Director of the Commission on Colleges.

Dr. Sites' "kick-off visit" to Embry-Riddle on March 20, 1990 is planned to assist the University in organizing the self-study. He will be made available to explain the nature of the self-study process to the University community and provide consultative assistance. In addition, Dr. Sites will review the initial progress made in implementing the self-study.

In a meeting attended by Dr. John Williams, Executive Vice President of Academics, and Phyllis Salmons, Self-Study Director, Sites explained the essential characteristics of an acceptable self-study. The self-study should:

- 1) assess every segment of the institution with a breadth of coverage;
- 2) involve all representative components of the institutional community ensuring a broad involvement;
- 3) be analytical determining strengths and weaknesses;
- 4) emphasize the effectiveness of the institution and its component units in accomplishing the respective goals and objectives by focusing on planning and evaluation across campus;
- 5) develop recommendations to remediate identified weaknesses; and
- 6) develop a plan for following up to ensure that the recommendations are implemented.

Self Study activities for the entire University are being coordinated through the Assessment Office, located in A-205. Students interested in becoming a part of the project should contact the Self Study Director, since students representation will be necessary at various committee levels. The Steering Committee which will oversee all Self Study activities is now in the process of formation.

In the Fall of 1989, the assessment committees compiled an Assessment Inventory of planning and evaluation measures currently in place throughout the University.

The participation of everyone at the University in the self-study is crucial. Further planning and data gathering will begin as soon as additional committees are established. During the initial planning period of the self-study process (Spring 1990), the plan of action for completing the self-study. This proposal will be submitted to the commission in Fall 1990.

Faculty Profile: Dr. Michael Sylvester

by Jon Osterholm
Campus News Reporter

Coming to America from a Caribbean island, originally to study as a Trappist Monk, Dr. Michael Sylvester is now at Embry-Riddle as a psychology lecturer, as he describes his position here. "As a young man, I was fascinated about life, what this life is all about," he said. Clearly, his decision to be in a monastery and to earn a Ph.D. in experimental psychology reflect that fascination. His life is highly involved in his own learning as well as others' learning. He has always had a "tremendous thirst for knowl-

(SS 220) and Personality Development (SS 310) on campus. He also works with the International Campus, devising independent studies along with other teachers here. The International Campus offers "correspondence courses for people interested in going to Riddle, but who are living, say, on a military base, like Patrick Air Force Base."

He claims that his goal is "understanding world culture through cultural, social, and artistic manifestations." He would like "to have people appreciate all cultures, and quest for harmony within society." He also spends time each day meditating. "A



Dr. Michael Sylvester

half-hour each day, sitting in my papazan chair doing absolutely nothing," he explained.

Dr. Sylvester is at times a "mobile disc jockey," entertaining various groups at hotels, pool decks, private parties, and in the

He is from the Caribbean island of St. Lucia, and his exotic accent reflects his birthplace. "The surroundings there are still very natural," he reflected, and he said happily that the island "is not full of tourists like many islands are" in the Caribbean. Due to his love of the islands, he plans to retire to St. Lucia someday.

He came to the United States in the early 1960's to study at a monastery in Kentucky. After a year or so there, he went to Erie, Pennsylvania, to attend Gannon University, a Catholic college. He earned his bachelor's degree in psychology there. His education continued at Wichita State University, where he earned his Master's degree, and at the University of Missouri in Columbia, at which he earned his Ph.D. in 1979.

After his schooling, he turned to teaching, first at Albany State College in Georgia. From there he came to Daytona Beach, where he taught at Bethune-Cookman College for nine years. In 1988 he came to Embry-Riddle.

Dr. Sylvester became a psychology teacher because of his "interest in knowledge about behavior, to help people understand behavior too." At Embry-Riddle he presently teaches Introduction to Psychology

near future he is scheduled to deejay at Villa of Spain Restaurant and Lounge (next to Hooters). He plays tunes from a collection of "jazz, rock, bluegrass, reggae, and cultural or 'world beat' music." Dr. Sylvester commented that "music and popular culture is an important aspect of life's enjoyment." He continues, "I feel I am contributing to the psychological and social well-being of individuals." He is fascinated with the way music can affect people's moods.

According to his philosophy of education, his idea of the best way to gain knowledge and good grades is to "Read like hell! As much as possible."

The Avion asked what advice he would give to Embry-Riddle students. "We should all take a global perspective in our approach to education. [It's] not a local thing. We are educated to be world citizens." He added, "Always keep looking for information [that] individuals can use to live with himself or herself and with others."

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University justifies tuition increase

by Joseph A. Salerno
Campus News Reporter

Recently, students of Embry-Riddle received a much anticipated tuition increase notice in their school mail boxes. The questions why, for what reason, and who is to blame were among many asked.

According to the Director of Budget and Finance Dr. Stephen Whitmer, the total amount of funds produced by the increase will be approximately three million dollars in addition to the current school budget of 80 million dollars, accounting for roughly an 8% increase.

The most common misconception among the students is that the greatest bulk of revenue from the tuition increase will be used to replace funds previously used to build the new Airway Science Simulation Laboratory. However, according to Executive Vice President Dr. Jeffrey Ledewitz, all funds used to build the ASSL building came to the school from outside sources; most notably a grant from the Federal Aviation Administration for the amount of 1.5 million dollars, with a supplemental grant of \$700,000 to be dispersed to the school over the next ten years for use in buying new equipment for the ASSL building. Some of the revenue from the increase will go toward the upkeep of the ASSL

"I feel that Embry-Riddle students will definitely benefit..."
Chancellor Doten

building, but this will be the most minimal allocation of the funds produced.

"Rule of thumb states that the average upkeep you have to allow for any building is five dollars a square foot," commented Dr. Ledewitz. "The ASSL is a 17,000 square foot building, so that should give you an idea of the cost of upkeep."

When asked about personnel costs for the ASSL building, James Blanchard, Equipment Manager for the ASSL, stated that most of the workers in the building with the exception of the janitorial personnel, are paid by payroll sources which come from outside the institution.

Expanding on the subject, Chancellor Eric S. Doten stated that, for the most part, the increase was due to the recent U.S. legislation which effected an increase in the minimum wage laws, from \$3.35/hr. to \$4.25/hr. The largest part of the revenue generated would go toward increases in the salaries

of University personnel. Along with wage increases, benefit increases must also be taken into account, which effectively doubles the actual salary increase.

However, the increase in salary is not an exclusive cause of the tuition increase. Another fairly sizeable component of the overall plan is capital renewal and replacement. An excellent example of the meaning of this is the retarring of the academics complex which has just been completed.

Explained Dr. Whitmer, "We are striving more for quality of the school, people and property included, more than expansion." He also commented that eventually equipment is overcome by technical obsolescence, being no longer up-to-date with today's technology, and must be replaced or updated.

"I feel that Embry-Riddle students will definitely benefit and notice the increased quality in the school," said Chancellor Doten.

Some things that the increase will not pay for or benefit will be new aircraft and simulators.

Dr. Whitmer also stated that he felt that a tuition enhancement could be expected every year. Previous attempts to do without a tuition increase for an entire school year resulted in double the expected increment the following year.



photo by Michael Dorian

Ivory tickler...

Rick Kelly plays one of his Motown tributes which had the crowd singing chorus and high kicking to the beat.

Motown sounds hit Attitude Adjustment

by Joseph Szarmach
Staff Writer

Singer Rick Kelly kicked off the first Attitude Adjustment of the semester last Friday night when he sang to an estimated 125 students and faculty in the John Paul Riddle Student Center.

The singer, a self confessed "Motown addict", played for an hour and a half. He played such classics as "Dancin' in the Streets", "I've Got Sunshine" and the Otis Redding classic "Sittin' On the Dock of the Bay".

Kelly also featured many 'sing-alongs', at one point allowing five volunteers the chance to accompany him while he sang "Under the Board Walk".

Other highlights of the show included a mix of the songs "You've Lost That Lovin' Feeling" and "Louie Louie", to which the crowd responded enthusiastically by singing along.

Kelly even managed to organize a chorus line of students who danced and high kicked during one of his many tributes to Motown.

This marks the first Attitude Adjustment of the semester of which only a few will be scheduled. There

will be approximately one Attitude Adjustment every other week. According to ERAU entertainment, six are planned for this semester.

The Attitude Adjustment will feature one of the most popular performers on the college circuit, singer Carl Rosen, on February 2nd.

Rosen is known for his uncanny Elton John and Billy Joel impersonations.

Rosen, like Kelly, performs alone using synthesizers and a drum machine. But unlike Kelly, Rosen uses pre-sequenced music which when played back, gives the effect of having a full five piece band.

Thus, Rosen's act is much more polished. In fact, if you were to close your eyes during Rosen's rendition of the Billy Joel song "Piano Man", you might swear you were actually listening to Billy Joel.

Another example of Rosen's talent can be heard when he synthesizes the helicopter sounds in his rendition of Billy Joel's "Goodnight Saigon". Given Billy Joel's current popularity because of his new album, Rosen will continue his tribute to the piano

see Sounds, page A 11

New center to provide campus data

by Derrick Seys
Space Technology Editor

Communication is essential in all aspects of life, and the Student Activities Dept. has centralized all university information with the Communication Center. The center is located near A-building and designed to provide information to students and faculty through several categorized areas.

According to Student Activities Publications Coordinator Jean Snyder, the board is a way of providing communication to students and faculty at a university commonplace.

The board was once the home of color-coded advertisement cards. These cards will no longer be permitted on the board to provide ample space for clubs, organizations, sports, and university services and notices. The removal of the color-coded cards may upset some students, but nine boards still exist around campus for

see Center, page A 11

New tower has dorms in hot water

by Ron Barber
Campus News Reporter

For those students that have lived in the dorms in past semesters, the two most common complaints were that there was never enough hot water or the air conditioning was never working. In the Fall of 1989 the Housing Department decided to alleviate both of these problems by having brand new air conditioning and water heating systems installed.

The first of this new equipment to be installed was the air conditioning system. It was installed at the beginning of the Fall semester. This system works off the same principle that a radiator in a car does. Water is forced through the system at high speed which causes the water to cool. This system also serves as a water recovery system for the water heating equipment.

However, by far the most common of the two complaints was that there was never enough hot water. It used to be that the residents of the dormitories on campus would run out of hot water while taking showers in the morning. Later on in the day if the students wanted to take a shower they would return to the dorm to find that they still did not have any hot water. The old solar water heating system was removed at the end of the Fall term and the new one was installed immediately thereafter. The project was completed in the beginning of this term.

When such a project is done it is necessary that some remodeling should also follow. When the old system was removed certain sections of the roof also had to be removed. As such, a roofing contractor was hired to

replace those missing sections, even though this proved to be an inconvenience for some residents because of the smell of the tar pitch and some early Saturday wake-ups. The task was completed within a few short weeks.



photo by David Fuchs

Elevated fluid...

A recent addition to the campus, is Dorm One's new water tower.

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Flight Team prepares for a national competition in April

by Michelle Boulianne
Clubs Writer

The Flight Team would like to welcome the faculty and students back from a hopefully enjoyable, relaxing, and fun filled winter break.

The team, looking forward to National competition in April, has already begun to have practices for the many events.

Public Relations is also back in action for the Spring semester. On Tuesday, January 23 Jay Maiato and Scott Tarvos will be going to Ormond Junior High School's College Fair to promote Embry-Riddle's educational opportunities. On Thursday, January 25, Dave Arribus, Steve Brazao, Chris Kierstead, Tom Klemmer, Kirk Ladau, Jay Maiato, and Scott Tarvos will be judging a science fair at New Smyrna Middle School. Two members will discuss aviation safety and careers to sophomores, juniors, and seniors at Seabreeze High School on Jan. 30. The team will also be getting involved in the races at Daytona Race Track, the Skyfest Airshow, and AMT Taxing.

A team sponsored Safety Seminar will be held Feb. 13 on Stall/Spin Accidents presented by AOPA. The time and place will be announced in next week's article.

The Safety Briefing last week was given by Chris Nicholson on icing. Chris told us that according to the FAA, no pilot is to fly into any known icing conditions. Referring to an IFR Refresher pamphlet it stated that a "known" condition is one that is forecasted, icing problems mostly effect commuter aircraft, airtaxis, and general aviation. Icing is caused by factors as visible precipitation, and freezing temperatures which, through NASA testing, range from 0 degrees Celsius to -14 degrees Celsius. The three major types of ice are clear, rime, and

frost. Rime ice is more fragile than clear ice and will break off the aircraft easier, but it is just as dangerous. Clear ice is more dense compared to rime ice because rime ice captures air when it freezes on the aircraft surface. Ice can interfere with an aircraft's performance by decreasing lift up to 50%, increasing stall speeds up to 30%, and increasing drag up to 15%. Some problems caused by ice build up are: the aircraft loses the ability to climb; on a propeller it decreases its efficiency, causes uneven weight distribution which in turn causes vibrations; decreases visibility through the wind screen; breaks antennae causing loss of reception; and clogs pitot tubes and static ports causing the loss of instruments.

Chris told the team of his experience with icing. He and an instructor were in Oklahoma flying a Cessna 182 where there were no icing conditions forecasted. While they began a constant descent for an ILS approach, the aircraft began to accumulate a mixture of rime and clear ice. They reported it to the ATC, but did not declare an emergency and continued to descend.

They began to experience loss of control with the aircraft and were descending at a faster rate placing them below the glide slope. They barely made the runway with the impact of the landing breaking off most of the ice. Ice is nothing to laugh at, when on an aircraft. It can even happen here in Florida, so educate yourself on conditions and preventions before you find you are in an unexpected dilemma!

Team members do not forget Tom Klemmer is collecting dues and Scott Tarvos needs a copy of everyone's class schedule and work schedule, if that pertains.

Welcome back and let's get on track for competition. Don't forget to check daily competition schedules!

A team sponsored Safety Seminar will be held Feb. 13 on Stall/Spin Accidents presented by AOPA



Home by the sea...

Members of Sigma Chi (above) return to another good year at Embry-Riddle

Sigma Chi looks to Rush

by Robert Pacheco
Clubs Writer

Rush is on! For all you ladies and gentlemen who suffer through the semester waiting for us to have our annual rush weeks, your pain is over. Tonight until Saturday Jan. 27 we openly invite you to come on out to 20 S. Ridgewood Ave. and join in the fun. Please feel free to stop by the rush table in the U.C. and pick up somevalu-

able party schedules. We hope to see you there. Congratulations! To our newly initiated Brothers, we all wish you success. Remember that Brotherhood will last you a lifetime and it is up to you to fill your life with success.

Brothers, let's have a great semester. We have lots to look forward to, great memories to be made, and roads to be paved.

Brothers of the Wind name new officers

by Delannor Mance
Clubs Writer

Brothers of the Wind would like to welcome back all ERAU students. Before classes adjourned last semester elections were held and results are as follows: President-Leroy Young, Vice President-Ron Grant, Secretary-Victor Velez, Treasurer-Dionne Wayne. The committee chairpersons include Social-Anthony Velasquez, Fund Raising-

Greg Lyon, and Re-elected Education chairperson-Demovon Muschette.

The new administration has taken the first step and has outlined new objectives to improve the club and looks forward to a successful year, with the assistance and dedication of the members. Among those objectives are the modification of the Big Brother-Big Sister, and Alumni programs. Also, extensive planning is underway for

February (Black History Month) 1990 activities with Kappa Alpha Psi, Inc.

The members would like to extend its hand to any student who wishes to become a member, for further information about the club please fill out the interest sheet in the student activities office or attend our general meeting tomorrow (Thursday, January 25, 1990) at 1:30 p.m. in room E-611.

Kappa Alpha Psi welcomes brothers

by Derek Johnson
Clubs Writer

Welcome back! My brothers, it is good to see so many have returned to battle with their books. Remember, you never fail until you stop trying. With this idea in mind the new decade will be outstanding.

We've already started the new decade off with a smooth taxi down the runway. Kappa Alpha Psi had a very successful back-to-school/Martin Luther King's social. Brothers of old and new gathered to support the event and exchange tall tales, odd adventures and noble ideas for com-

munity projects.

The eighties have brought many changes to our lives that may affect us forever. Even in the final days of the eighties history making events have become a part of us. For example, the tumbling of the Berlin Wall, Romania's quest for freedom, and President Bush has won a round in his war against drug battles by seizing Manuel Noriega. Yes indeed the eighties have retired on a positive note, but the nineties have arrived with bigger threats. The rising numbers of the homeless, drug-abusers, and the continued spreading of AIDS

are a few threats we must deal with. Our goal for the nineties should be to reduce these numbers.

All of us will enter the world, in the nineties this is where we will make a difference. The eighties are gone and will never return. The decade left us with plenty to think about and more problems to solve. We are together again my Brother's now is the time to start work by crushing our books, excel at our jobs, and help reduce the threats of the nineties. Let's do it for Mr. Diggs and God.

Sigma Pi to host luau party next February

by Herald Biancalana
Clubs Writer

Sup guys! Welcome back, I trust we all had a pleasurable break? Good. Because boys, we've got this semester cut out for us. Patrick the fearless has set a record amount (\$5000) for fund raising this year at the Daytona races. Raising money for MS this spring will be no cake walk either. With the combination of our unique style and clock work integrity certain success is a given.

It's that time again, Rush, Gentlemen, rush is crucial, Rush is good, Rush means more brothers. So RUSH hard. Tell everyone, invite anyone. A week from Friday (Feb. 26) is our day to shine (more like glow).

That day, Feb. 26, is the day of reckoning, the day where all theories are realized, the day where Matt Kuhn's master Rush plan goes into action.

That day is the day of the colossal, outrageous Luau party, gentlemen, Luau party. Bring your two-finger poi and wear your leis, this one's gonna be a killer.

Let's hear it for the thetas! Congratulations to the newly elected Executive council, Patrick Berrigan - President, Jim Miner - VP, Jose Baires - Treasurer, Mark Hunt - Secretary, Matt Kuhn - Sergeant at arms, and myself as herald. Thetas lead the way! and to our graduates Lee Grassely, Joe Commarota, and Doug Brooks (lucky dogs) congratulations, were all proud of you. Especially for Doug as he was noted as one of the outstanding leaders here at Riddle.

Finally, welcome back Jack Franks and Lee Stonebeck, both of which felt that a break of a summer and semester was not long enough.



Recruitment...

Representatives from the school's many fraternities and Sororities were all present in the University Center this week, interviewing new members.

BCCP readies for new decade of members

by James Troxel
Clubbed Writer

The BCCP just had its first meeting of the semester last Thursday in the same room as the previous meeting. We are proud to welcome all new members into our honored society.

At the meeting, new officers were elected to fill the unneeded open positions during the elections which were held at the last meeting. Dan Lynch was elected both president and vice president due in fact to his huge popularity among the population of the club. Dan did not previously hold the position, having just been made a member last Tuesday.

When Dan was asked about how he felt about his being elected during the election last Wednesday, he said "I'm sure that orthopedic surgeons all over the country will be joining together soon in an antidisestablishmentarianist organization to promote proper dental hygiene." After his comment the respected members applauded somewhat vigorously, while

complimenting the new mascot, a fuzzy peach named Dolly.

Decisions are now being made concerning fund raising. Several options are now being considered as options. One is a drag race featuring bikers to be culled from local bars and pubs. Another is a paid demonstration demonstrating the culinary aspects of vegetable shortening. The club's third option would be a joint fund raiser with the SSE. It would involve a car wash including a car painting class held while inside the car.

The club is looking forward to a productive year, in which they hope to achieve lots of productive productions while producing at full capacity.

In closing, we expect all members to attend our next meeting. For those of you who don't know when the next meeting is, and where, ask somebody who was at the last meeting. Members are identifiable by the fashionable mauve and khaki green bow ties, and lovely sequined penguin spotted lace underwear.

Delta Chi to race at Roebbling Raceway

by Michel Senn
Clubs Writer

Welcome back from x-mas break everyone! Although we must grieve the departure of Matt F. going back to his home planet of Iowa. No really. Congratulations to all the new initiates, keep up the good work, we've a busy semester ahead of us.

Congrats to the West Va. Delta Chi pyrami ski team, there were no mishap. Right Rog? Outstanding scholastic achievements are as follows. Honor roll: T.J. Modzelewski,

Lance Rush, Matt Deyo, Scott Geselo, Bill Lewis, Kirt Williams, and John Fink. Deans List: Dean Lefebvre, Carl Nelson, Michael Senn. Hans's social calendar is up and it's active!

We may have to add a road trip to it to see J.D. Witzig get his Storm Trooper leather dirty at the Roebbling Raceway, Ga., on Feb. 10. Don't forget, dues are due, or else we can't afford to send all that ultra slim fast down to you-know-who in time for our first social.

EFAS fields softball team

by Michel Fried
Clubs Writer

Welcome old and new members to the most exciting space club on campus. Tonight's meeting will be at 7 pm in room E-609.

This semester we will see the old

and new activities planned. But for now we have the Softball team being organized, so please sign up with us or with the recreation department.

So come on down and see what's up in the space world...

'Pink Flamingo' to party

by Coreen Floyd
Clubs Writer

We would like to welcome everyone back from Christmas break. Hope it was fun and relaxing for all.

Since Spring Rush has arrived, we would like to invite all the new, as well as returning girls on campus to

our "Pink Flamingo" Rush party on Friday, Jan. 26. Invitations and flyers will be given out soon.

If you have any questions concerning the party or just Theta Phi in general we would love to see you at our table this week. Hope to see you there!

Lambda Chi Alpha to throw Polar Bear Beach Bash

by Andrew Soares
Clubs Writer

A new semester has arrived and with it will come our best Spring Rush ever. Tomorrow will be the Sports Party at 7:30, Friday we'll have our Chow Down at 8:00 and on Saturday at 11:00 at the Polar Bear Beach Bash. We'll see you all there.

I would also like to congratulate David Cannon, Eric Carroll, Nick Colella, Jeff Cook, Sam Edwards, Glenn Escudero, Colin Gauger, Todd Hicks, Eric McEldowney, Shane Patrick, Jeff Reis, and Steve Rice as new Brothers with our bond.

At Lambda Chi Alpha we're "Striving for Excellence!"



Sign here?...

Lambda Chi Alpha will be signing up new members in the U.C. this week.

CLUBS POLICY

- ➔ All articles must either be type-written, double-spaced or on disk (unformatted in Word Star or Microsoft Word).
- ➔ Deadlines for submission of all club material is Wed., 5 p.m., one week prior to publication.
- ➔ Photos may be submitted with club articles.
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New Orleans to host Super Bowl XXIV

Heat up some gumbo and blacken your fish, Super Bowl XXIV is coming to Cajun country. Usually, all eyes are on New Orleans in February for Mardi Gras, but all the world's attention will be focused on New Orleans to see if the San Francisco 49ers will repeat as World Champions. This year's game has all the makings of a great contest: the two dominant teams from each conference going head to head in a battle that even Brent Musberger couldn't over-

The AFC Champion Denver Broncos will be trying to shake the "orange choke" image they earned in consecutive Super Bowl beatings by the N.Y. Giants and Washington Redskins. Meanwhile, the NFC champion 49ers will try to become the first team to repeat as Super Bowl Champions since the Pittsburgh Steelers.

Who will achieve their goal? Before a decision can be made, one has to scrutinize each team's offensive and defensive schemes. Some tactics the 49ers offense should employ are:

1) The offensive line of San Francisco must provide sufficient pass protection for Joe Montana. This should not be much of a problem since Denver's pass rush couldn't break through the Berlin Wall, even after it fell. One thing that should be lurking in the mind of San Francisco Head Coach George Seifert is that they allowed nine sacks in a game against the Philadelphia Eagles, and to allow that many sacks in a Super Bowl could be disastrous.

2) Another key for the 49ers offense is to use tight end Brent Jones effectively. If Denver is smart they will play a zone defense with the free safety double teaming on either Jerry Rice or John Taylor. The only fault with this scheme is that it will create holes in the middle of the defensive secondary which Joe Montana could exploit with passes to his tight end.

3) Like all coaches in the NFL, George Seifert will try to establish his running game early. The 49ers are famous for starting the game with a set of pre-designated plays, many of which are running plays to see how the defense will react. With running backs the quality of Roger Craig and John Rathan it's almost tempting to run the ball the whole game.

Some keys for the Broncos success are as follows:
1) Quarterback John Elway must march his team down field on their opening series to put San Francisco's defense in the hole. If Denver gets within the twenty yard line and faces a third and short, look for Elway to run one of his "special plays" and hit wide receiver Michael Young for six points instead of the first down.

2) Perhaps the most important strategy that the Broncos must utilize is their rushing attack. Running backs with the talent of Humphreys and Winder are valuable assets when it comes to controlling the game. This is a weapon that the Broncos will not be able to win without.



Jump for joy..
John Elway has led the Broncos to their third Super Bowl in four years.

3) Conceivably, the Broncos best offensive weapon is wide receiver Vance Johnson. Johnson, who was once the fastest man in the NFL, is Elway's favorite receiver and belongs in the same category as Jerry Rice. It is certain that if the Bronco's have a shot late in the fourth quarter, that Johnson will be the person to deliver.

The defensive schemes of both teams will be quite similar. San Francisco must keep Elway in the pocket to make him hurry his passes. If allowed to scramble, Elway will have ample time to unload his cannon and find the open receiver.

For Denver, the defensive key will be to eliminate Jerry Rice and hopefully contain the rest of San Francisco's receivers. The big hitch in this plan is that it leaves the running game wide open for the 49ers backfield which could break open a tight game at any time.

The general consensus is that Joe Montana has too many offensive weapons for the Bronco's defense to handle. Considering Denver's past Super Bowl performances, and the strong showing of San Francisco against Minnesota and Los Angeles is no wonder that the latest line on the game was 11 points favoring the 49ers.

Now that Less Filling has beaten Tastes Great in the Miller Lite Game, the most pressing issue to Embry-Riddle students is who will win Bud Bowl II? On the other hand, does anyone remember who won the original Bud Bowl? One thing is for sure, no matter who wins Bud or Bud Light, San Francisco or Denver, Super Bowl XXIV will be the climax of yet another great NFL season.

Baseball Eagles ready to play

by Ian Wexler
Sports Writer
The Embry-Riddle Eagle's baseball team opens its second season on Saturday, February 3, at noon against Bethune Cookman College.

Head Coach John Filor is very enthusiastic about the upcoming season and he feels that his team is capable of challenging for the NAIA District 25 title. This will not be an easy task for the Eagles who would have to face tough teams such as Flagler, Edward Waters, St. Thomas, and last year's second ranked team in the nation, University of North Florida.

This year's team is coming off its inaugural season with a respectable 13-12 record (12-4 at home) and a great deal of talent, with nine players that batted over .300 last season. Leading the Eagle nine will be this year's tri-captains: Senior left fielder Rob Giulier who batted .361 and had 6 doubles, Senior pitcher Chuck Smith who led the pitching staff with a 6-1 record, and Senior outfielder/relief pitcher Vince Papke who batted .317 last season.

The Eagles certainly have the offensive power to go head on with the big schools, but they lack the deep pitching staff that determines any team's survival.

The burden will be on Smith to anchor the pitching staff, and Coach Filor urges any pitchers to come try out for the team.

Another concern of Coach Filor is the lack of support from the student body. Filor spoke of a game last season against a team from Wisconsin where the visit-



Photo by Mike Cook

Batmen...
The baseball tri-captains have been selected and are anticipating an action filled season.

The Eagles certainly had more fans than the Eagles.

This year, having made a deal with the city of Daytona Beach, the Eagles will call Jackie Robinson Stadium home or the "Eagle's Nest" so to speak. Coach Filor said, "My goal this season is to fill these stands for every game."

One major way the Eagles can draw fans is in the upcoming Embry-Riddle Invitational Baseball Jamboree which will take place March 12 through March 23. Some of the teams that will be participating are: Army, Yale, Tennessee State, Colgate, Kean College, Wisconsin, David Lipscomb, and Cornell.

The first jamboree hasn't been played yet and already teams are asking to play in next year's jamboree. Overall, 31 teams have inquired, including such notables like Miami and Notre Dame.

Another boost for the Eagles will come this Friday when the team will be used for a CBS special on Major League Baseball umpire Harry Wendelstat and his umpire school here in Daytona Beach.

The Eagle's first district home game will be a double-header against Warner Southern on Saturday, February 10 at noon.

1990 Speedway Events

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Busch Pole Qualifiers	Feb. 10
Busch Clash/ARCA 200	Feb. 11
Twin 125-Mile Qualifiers	Feb. 15
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7-12
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THUR

11-7
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7-12
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Basketball team looking for a win

by **John Strelecky**
Sports Writer

The Embry-Riddle basketball team is still searching for its first win of the season.

After a rough 0-11 start last semester, the Eagles came back from Christmas break hoping to change things around. Unfortunately, the Eagle's first three games of this semester have been losses.

Poor shooting continues to be the Eagle's biggest problem. Despite their impressive high intensity level of play, the Eagles are unable to consistently display an outside attack. This has made it very difficult to get many close range, high percentage shots that are associated with a strong inside game.

The Eagle's second game of this semester pitted them against Mt. Senario College. ERAU fell to an early 12-7 deficit because of cold shooting. Mt. Senario extended their lead to 9 points and with 11:11 remaining in the half the Eagle's offense started to rally.

ERAU closed the gap to 5 points on baskets by Mark Ingemi and Rob McCabe, and a 3-pointer by newcomer Carlos Rodriguez. Center Richie Helton and forward Trent Kowalski shut down Mt. Senario's inside game so

the Eagles were able to cut the deficit to two, trailing 29-27 with just 7:39 to go in the 1st half.

Mt. Senario quickly put out the Eagles shooting flame by connecting for 17 unanswered points and holding the Eagles scoreless for the duration of the half.

Embry-Riddle came out fighting in the second half, however every time the momentum shifted in the Eagle's favor, Mt. Senario would catch a break.

Perhaps the play that personified the whole game was when Rodriguez fired and missed on a long jumper and then Kowalski's follow-up tip rolled off the rim and into the hands of the Mt. Senario center who led the fast break for an easy score.

The final score was Mt. Senario 95, ERAU 73. High scorers for the Eagle's were Rodriguez with 19, Al Jackson with 13, and Mark Ingemi with 12. Leading rebounders were Jackson (8) and Kowalski (7).

The Eagles were scheduled to have played Florida Memorial last night at DBCC.

Their next home games will be Friday against Webber College at DBCC and Saturday against Piedmont College at Mainland H.S.. Both games start at 7:30 p.m.



Photo by John Strelecky

Shooting...

The Embry Riddle Eagles will be looking for a win in their four game home stay that begins Friday night against Webber College.

Shooting The Rock

by **John Strelecky**
Sports Writer

The 1990 spring semester has officially kicked in, and the big question facing the Embry-Riddle Eagles basketball team is when are they going to get their first "w" in the win/loss column.

According to head coach Steve Ridder, "We will win a game by February 1."

Rumor has it that the four game home stand starting this Friday night could produce a couple of wins for the Eagles. Their opponents, for at least two of the games, have basketball programs that play on or about the same level of ability as Embry-Riddle. This will be a welcome change from playing the Division II and NAIA power houses that were on the Eagle's schedule earlier during the season.

One thing that could greatly enhance Embry-Riddle's chances of posting a victory would be a large showing of fan support at the coming stretch of home games, especially the game against Florida Bible on January 31. Florida Bible is the team that is closest to Embry-Riddle's level of competition and they should give the Eagles their best chance for a victory.

The crowd support at the games

has been a great display of school spirit. Coach Ridder said, "The fan support has been great, they are extremely enthusiastic. I hope we can get some more people to come out during these four home games."

You may have noticed that there have been some line-up changes. Three players: Hermann Bauer, Aaron Williams, and Ken Whaler have voluntarily left the team for personal reasons. On a positive note, Carlos Rodriguez, a 6'0" point guard formerly of Indian River Community College has joined the team. Our sincerest thanks go to the previously mentioned players. It was a pleasure watching you play and good luck on your future endeavors.

Although the loss of three quality players hurts the Eagles, it looks like Rodriguez is going to be a solid contributor to the offense. Rodriguez has been averaging 16 points and 36 minutes through the first three games this semester, but more importantly he brings the needed experience of a true point guard to the Eagle's squad. Hopefully the end result will be fewer backcourt turnovers that lead to easy baskets for the opponents.

Good luck to coach Ridder and the entire basketball team during the second half of the season.

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Jacqueline Reinhard - Arizona State University - Class of 1991

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1969

(continued from A2)
tax evasion, and Zsa Zsa Gabor for insulting an officer and our intelligence.

Last December 31 marked the end of the bloodiest coal strike in decades as the United Mineworkers essentially lost its battle against the Pittston Coal Company. The strike soon became a battle when a security barracks housing Pittston guards was bombed killing several guards. Union officials claimed the company bombed its own facility. A similar strike concerning West Virginia coal was settled on March 12, 1969.

On March 28, 1969, an anti-Russian demonstrations broke out in Czechoslovakia after a Czech win in a hockey game against the Soviets. The demonstrations were violently repressed. Today Czech rulers are likely to regret these actions, nearly as much as Nicolae Ceausescu would his actions if he were now alive.

A meeting of China's ninth Congress on April 1, 1969, put the infamous Mao Tse-tung in charge of his repressive government for the first time. Last March, rumors of his death sparked the flames of democracy in Beijing.

In April of 1969, it was announced that Vietnam com-

bat deaths had exceeded all of those who gave their lives in Korea. On the fifteenth of the month, 31 servicemen were killed when an electronic intelligence aircraft was shot down near Japan by the North Koreans.

During May's sports bonanza, the Boston Celtics won the NBA title, while Mario Andretti won his first Indianapolis 500 (Mario did not win a single major race in 1969, though his son Michael did).

In June of 1969, Nixon reduced combat troops in Vietnam by 25,000 to 512,000. Nixon also appointed Warren Burger, who served until the Reagan era, to replace Earl Warren as Chief Justice of the Supreme Court.

July marked the famous death of a young girl on Chappaquiddick Island at the steering hands of Ted Kennedy. Only two days later, on the twentieth, Neil Armstrong became the first human to set foot on the moon.

This last year's eighth major Hurricane, *Hugo*, may have ravaged the Georgia coast, but 1969's notorious *Camille* brought 190 MPH winds to the Gulf Coast. That year, the National Hurricane Center referred to the storm as "the greatest storm that has ever affected this nation, by any yardstick." Five hundred were killed in the storm that

hit on August 17, 1969. No major earthquake struck the United States in 1969, however.

As 1969 social and civil rights unrest grew in the United States, a coup occurred in Brazil. Operation Intercept, which was intended to interdict the flow of drugs from Mexico to America began on September 21. Obviously, 1969 proves this operation was not entirely successful. Also during the month, a liberal Alexander Dubcek was removed from power in Czechoslovakia only to be reinstated late last year.

During October, protests intensified over the war, Mississippi lost an appeal to delay desegregation, and the Mets defeated the Orioles in the 1969 World Series.

During November of that year, President Nixon vowed to remove all troops from Vietnam, eventually. President Marcos easily won a second term as President of the Philippines, beginning a dynasty that ended unceremoniously during the late eighties. Today Corrie Aquino, wife of the slain political opponent of Marcos, struggles to hold her Philippine government together. The U.S. also returned to the moon during the month.

December 1 of 1969, Congress voted to reinstate the

draft lottery for the first time since World War II, despite Nixon's pledge to remove American forces from Vietnam. In Europe, Britain abolished its death penalty and began preparations to join the Common Market. In 1992, the Common Market will become one country, at least economically, known as the European Community. Many now speculate that former Eastern Bloc countries such as Poland may be members. In 1969, American forces spent Christmas and New Year's Eve in Vietnam, but in 1989's new spirit of democracy they spent their holidays close to home, in Panama.

In telling our children about 1989, we could mention the weather. The hurricanes, the earthquakes, the snow in Jacksonville, or the sub-zero temperatures throughout most of America during December. Hopefully, however, the political changes that have taken place during recently will be the most memorable and long-lasting. Poland, Hungary, East Germany, Czechoslovakia, and now Romania have all undertaken major changes and moved toward democracy. Apparently the Communistic pledge that "we will bury you" was only accurate as it applies to our foreign debt.

Center

(continued from page A5)
the popular advertisement devices according to Ms. Snyder.

The mass of information contained in the board will be placed into four divisions. These divisions will include: sports, organizations, notices, and student services. Each side will contain information pertinent to student and faculty members at and away from campus. Such informa-

tion may include schedules of sporting events, guest speakers, deadlines for tuition, and tutorial services.

The center is open to all departments and organizations on campus. The information must be submitted to Student Activities by 4:00 p.m. on the Friday prior to posting. Several guidelines exist and a copy of these may be obtained from the department.

Sounds

(continued from page A5)
man, Billy Joel.

Rosen's renditions of classic Elton John songs are no less astonishing. In a moments notice, he magically transforms his voice from Billy Joel to Elton John and gives an equally fitting tribute.

In the past, Rosen has recorded his performances at

Embry-Riddle and offered copies for purchase to students.

From past performances, Rosen is known as one of the most popular performers at Embry-Riddle Airside Adjustments. This may possibly cause problems in finding seat in the Student Center, so an early arrival is recommended. The show will start at 5:30 and beverages will be served.

Go Ahead and Register with Selective Service.

Guy, if you're turning 18, run down to the Post Office and register with Selective Service. It only takes five minutes to fill out the card. So what are you waiting for? Join the gang and register. It's quick. It's easy. And it's the law.

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