

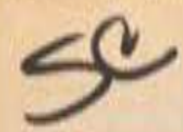
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Avion 1993-04-07 (A)

Embry-Riddle Aeronautical University

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TOP STORIES

Campus News: Aeronautica: Sports:

Sigma Chi paints elderly woman's house for free... Russians unveil Pratt & Whitney powered Ilyushin 96M... Lacrosse finishes season in third place...

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Embry-Riddle Aeronautical University

THE AVION

An award-winning newspaper by students for students



Daytona Beach, Florida

Volume 75, Issue 11

April 7, 1993

Take a ride on the wild side



It takes some courage to climb on top of an airplane as it is performing loops and rolls only hundreds of feet above the ground.

team. A McDonnell Douglas F-15, a Fairchild A-10 and a World War II era North American P-51D also strutted their stuff in front of the public.

Key West Fest III jams the campus

Large crowd of students enjoy sunshine, music and free food



By Brian Gamage

Good weather, free food and music brought out many students and friends for this year's Key West Fest.

Even though the participants probably could not pronounce the title of this year's theme, the production proved to be an enjoyable way to spend a Saturday afternoon.

Touch 'n' Go Productions sponsored the outdoor party event, called "Komona-Wanna-Laiya," which included music from two reggae bands, free food and beverages, beer and fun.

This was the third time the entertainment group sponsored such an event, which has grown more successful each year.

The first Key West Fest featured the reggae band Inner Circle. The second Key West Fest, which was entitled "The Sequel," included caricature artists, a rousing juggler and Neil Dixon, a folk singer who frequently performs at Bemkastels Festhaus in Daytona Beach.

This year's festival of sorts was held Saturday from 1 to 5 p.m. with performances by the bands Exodus and Caribbean Explosion, who jammed on a stage set up in the 10 minute parking area.

The parking place in the open area between the athletic building and pool complex.

Students who attended the early

part of the festival were treated to a menu of barbecued pork, cole slaw, beans and rolls.

Those who arrived later in the day were, instead, treated to one dollar pizza slices.

Touch 'n' Go Productions provided the party people with a truck full of free soda and the Senior Class Council provided a truck full of beer.

In addition to the music and free food, there were many tables where students and revelers could purchase T-shirts, music tapes and CDs.

The highlight of the day was probably the fact that students could don a nylon suit, run full barrel down a hill and fling themselves against a big Velcro wall.

Some of the Velcro wall runners, after their suits failed to stick, got a hard lesson in the law of gravity.

"Everything went very well. The weather was great and everyone had an all round great time," said Jennifer Turner, Promotions Manager for Touch 'n' Go Productions.

She added, "I would like to commend everyone who worked to make this year's Key West Fest a smashing success."

Touch 'n' Go provides the student body with weekly entertainment such as movie showings in the Student Center, and Attitude Adjustments which feature up and coming comedians and performers.

Sgt. Brown returns after Somalia tour

By John Luke

Staff Sergeant Thomas Brown III of ERAU's Army ROTC was in Somalia from January 26 until March 22. He said that in Somalia there was only agony and hardship.

Brown said that he departed for Fort Hood, Texas on January 17. Then he spent a week there getting trained, receiving orders and briefings, and getting vaccinations and other shots so that he and his comrades would be prepared to enter Somalia.

Brown said that he flew to Somalia on a cramped C-141. He said that the plane was full of equipment, supplies, mail and other support items along with the soldiers themselves. On the trip back, Brown flew in a C-5 Galaxy and there were several vehicles loaded along with other paraphernalia.

Brown's assignment was to work for the G-3 Training/Logistics for the 13th Core Support Command (COSCOM).

He helped prepare report information for General Solomon. Colonel Baker was his commanding officer and Sergeant Major Jones was his first sergeant.

Brown said that the most moving incident occurred for him when he had to attend a fellow soldier's funeral. He had died mysteriously while on leave in Kenya/Bombasa. This incident left Brown with serious questions about why U.S. forces are there.

Brown is concerned that the U.S. involvement there is not producing a long-term solution to the problems. The main cause of their problems, according to Brown, is that they do not have a government.

He feels that all they seem to

know is power and greed. The warlords are organizing protests and demonstrations to try to prevent the "westernization" of Somalia. Yet, according to Brown, those same people who demonstrate, act the next day as though nothing had occurred and accept the aid given.

The purpose of U.S. involvement there is to strictly ensure that aid reaches the population. Strict rules of engagement prevent U.S. forces from taking forceful action unless they are in clear and imminent danger from an identifiable source, Brown said. "We had a hard time telling between the civilians and the villains."

Brown said that he was shot at twice while in the East African country, once on a routine reconnaissance patrol at an airport in Mogadishu and another time while on a reconnaissance mission in a Hum-V. Brown said that the windshield of his Hum-V was shattered by the shots.

Brown said that they even caught one of the warlords once and had to let him go after 72 hours because of the U.S. forces' rules of engagement. Although he was disarmed at the time, he went back to stir people up even more, according to Brown.

He said that a Government is needed for a long-term solution and an increased U.N. role would be important to let that government grow and end their civil war.

Brown was promoted to Staff Sergeant while in Somalia on March 1. He said that he was one of only 16 people at his rank to advance out of thousands.

Brown was glad to go and serve his country and really happy to return safely. He said that he appreciates life even more now that he has seen how others live.



SSgt Thomas Brown takes time to pose for a photo while in Somalia. He was there as part of the U.S. effort to ensure food supplies reach starving Somalies.

Inside this week:

Table listing contents: Aeronautica B2, Campus News A3, Classifieds B8, Clubs B6, Comics B7, Diversions B4, National News A8, Opinions A2, SGA A6, Space Technology B1, Sports A7

News in brief..

Summer subscriptions

Next week will be the last issue of the Avion for this semester. The newspaper will be published bi-weekly during the summer semesters and weekly again in the Fall.

If you wish to receive the Avion at your home, while you are on summer break, come to the Avion office on the second floor of the John Paul Riddle Student Center, where you can buy a subscription for \$6.00.

Do not lose touch with what is going on at the University while you are away.

Spring Break

The school will be closed tomorrow and Friday, as ERAU finally has its Spring Break. While many Universities have long come and gone, there are several still in town, so this is a great time to go out and relax before final exams.

Time to take a dip

Construction on the swimming pool has been completed. The bottom and sides have been resurfaced. Students can go back to the pool to swim and sunbathe.



Center for Aviation/Aerospace Research takes the University into the future.

see Campus News, page A4



An Air Force Delta rocket launches a Global Positioning System satellite into orbit.

see Space Technology, page B1

THE AVION
Embry-Riddle Aeronautical University

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Newspaper

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This week's staff: Bob Davison, Mike Dienhart, Todd Engelman, Johathan Famous, David Fitzgerald, Bryan Gross, Jaye Howell, James Jalowiec, Mike McGrath, Kerwin McKenzie, Steve Mendrzychowski, Amy Vidovich, and Tyrus Young.

The editorial opinions expressed in *The Avion* are of the identified writer and do not necessarily represent those of the University, the staff of *The Avion* or the members of the student body. Letters appearing in *The Avion* do not necessarily reflect the opinions of the University, the Avion or members of the student body. Opinions expressed elsewhere are those of the writer, who is identified. Letters submitted may be edited for brevity and will be printed provided they are not libelous, obscene or defamatory. Letter writers shall outline themselves to less than 400 words and a single topic. All letters must be accompanied by the signature of the writer. Names may be withheld on request at the discretion of the Editor in Chief. *The Avion* is an Associated Press member newspaper and subscribes to the Campus News Digest, Associated College Press, and College Press Service. *The Avion* is produced by a volunteer student staff weekly throughout the academic year and bi-weekly throughout the summer. The Avion is funded through Student Government fees and advertising revenue. This newspaper and its contents are protected under the copyright laws of the United States. No portion of this publication can be reproduced without express written consent of *The Avion* newspaper. Correspondence may be addressed to *The Avion* newspaper, Embry-Riddle Aeronautical University, 600 South Clyde Morris Blvd., Daytona Beach, Florida 32114. Phone: (904) 226-6048. Fax: (904) 226-6080.



Staff Commentary:

Alternative jobs in aviation industry



Bill De Brauer
Editor in Chief

I wanted to be many things when I grew up; a police officer, an archeologist, a truck driver, a movie star, and like most of my friends, an airline pilot. I would walk around airports during family vacations and gawk through the picture windows at all the jets, in their wonderful paint schemes and logos, and dream that one day I would sit in the front and fly these wonderful machines all over the world. This was in the heyday of the aviation industry, before deregulation, when people put on their Sunday clothes when they went on an airline trip. Airlines were profitable, and air travel was considered somewhat of a luxury to many people. Pan American, Eastern and TWA seemed invincible then, rulers of the

sky. I would watch Pan Am pilots, in their infamous white caps, walk to their airplanes and jet to some far off place, in an aircraft that seemed to big to fly. "Yes, someday I will be one of them," I would think. My friends and I would sit up at night and talk about how wonderful it would be when we became airline pilots. Well, all my friends are off doing other things now. One of them is a banker, another is going after his unpeneth major at a large university, and several others are working odd jobs, just getting by. However, I stuck to my dream. I excelled in math and science in high school, and it was with great hope and enthusiasm for the future that I came to this University. That was in 1987, when airlines could do no wrong. The Future Airline Pilots Association (FAPA), those airline hiring statistics gurus whose every word I clung to, predicted that in the next 20 years, airlines would be hiring thousands of pilots. Pan Am alone would be retiring half their pilots due to the age 60 rule.

Unfortunately, in those six years, the airlines and I received a rude awakening. In a few months I will be done with school and join the growing masses looking for a job in an industry that seems to be sinking lower everyday. Pan Am, Eastern, Braniff and Midway have gone of to better pastures, and other airlines may be hot on their heels. The term "glorified bus drivers" seems to have gained some credibility, too. All sorts of people fly these days, from shoeless hippies business men in Armani suits. Sometimes, an airplane can seem like a cattle car. The thrill that used to come with air travel is gone, and so has that "elite" stature of airline pilots that came with it. For the first time, I think I may not be able to fulfill my dream of becoming an airline pilot. Just last week, Delta furloughed 600 pilots, saturating the market again with people who have a few more hours and a little more experience than I (obligatory sarcastic remark, that is required in editorials of this nature). There is a bright spot, though. There are other careers in aviation,

other than the more obvious ones. I talk mostly about flying and piloting jobs, because that is what I do, but it applies to all of us in the industry. I will go out and get my feet wet and get a taste of the "real world" as a pilot, but I am also keeping my options open. After having worked for the *Avion*, I am considering pursuing a Master degree in journalism, and combine that with the knowledge I gained at Embry-Riddle and perhaps work for an aviation publication, such as *Flying, Plane & Pilot* or *Aviation Week & Space Technology*. A friend of mine is now going to law school, where he hopes to specialize in aviation law (I hear lawyers make pretty good money). Another person I know, who is an Engineering major, is thinking about designing his own aircraft, which would be sold as a kit (ever hear of the Rutan brothers?). There are many other jobs out there related to aviation. They are just not as visible or as glamorous, but they do put bread on the table, and they can provide a fulfilling, stable and satisfying career.

Letters to the Editor:

Avioff Criticized

To the Editor:

I would like to express my disappointment with the March 31, 1993 issue of the *Avioff*. A large portion of the material had to do with sex, toilets, underwear, etc. This is something I might expect to find in a bar rather than in an institution of higher learning. I would expect college students to be able to rise above such low forms of "humor," particularly in their campus newspaper. I would certainly like to see some improvement in future issues. I should also mention that this presents a very negative image of ERAU as this newspaper trickles off campus into the community.

Frank Radosta, Ph.D.
Aerospace Engineering

To the Editor:

The Student Representative Board of the SGA would like to express its displeasure regarding the contents of last week's *Avioff*. We feel that many of the articles, photographs, and classified advertisements were in poor taste and insulting. The constant sexual references and blatant attacks on student groups and faculty members were immature, crude, and had a detrimental effect on campus unity. We do not question the *Avion's* right to free speech without censorship, however we expect better judgement exercised by fellow members of the SGA.

The members of the SRB

Sick Infirmary

To the Editor:

This letter is addressed to all Embry-Riddle students who have at one time or another taken sick while attending the university and had the joy of dealing with the school infirmary (nurse's office). If you the stu-

dent for any reason should take sick be aware that the infirmary will only be able to help if you happen to be sick on a Wednesday, this is the only day that the doctor is on campus. Just hope and pray that you get sick on a Wednesday and even if your "lucky" enough to time your illness it's possible that the doctor will be in a meeting, as in my case. I have never been more aggravated and left with a feeling of helplessness in my life, until I tried to receive treatment from our school infirmary!

On Monday the twenty-ninth of March I began having mild chest pains accompanied with a hard time breathing. I dismissed this as having the common cold. As the week went on my condition began to worsen leaving it hard and painful to breath as well as a serious cough developing. By Wednesday my condition worried me and I sought treatment at our school infirmary. I personally went down to the infirmary and stated my condition to the office secretary a Ms. Sandra Roberts, who then suggested that I wait to see the doctor until next week do to the fact he was in a meeting and wasn't accepting any other patients that day. Meanwhile my condition was worsening and I needed to be seen by a doctor. The secretary then suggested that I let quote, "The nurse listen to my chest and if she were to that she could not diagnose nor treat my condition."

I then decided to seek help on my own on the suggestion that there was a walk in clinic on Beville Rd. I went to the clinic and found the facility to be nothing but helpful and coherent which I wish I could say for our own infirmary. To cut a long story short the diagnosis was Viral Bronchitis and if left untreated could develop into pneumonia. I don't know about you guys but I could just imagine what would have happened if I had waited a week as suggested.

see Letters, page A7

Control automatics, control death toll



Arie Moller
Opinions Editor

Bang, bang, there goes another human being, another life down the tubes. Today we hear entirely too many reports on violent deaths due to guns. Today, one of the leading causes of death for peers in the under 21 age bracket is homicide. It's ridiculous and getting more ridiculous. Last year over 365 people died in D.C. alone. It's gotten so bad that the shootings don't get individual stories anymore. The news-casts only give a death count now. This is in our nations capital, not Sarajevo. It's got to stop, and the first step to stopping these violent deaths is through better gun control,

especially of automatic machine assault weapons. We live in a state notorious for bad gun control. In fact, Florida is often used as a supply line to the big Northeastern cities, were gun control is more prevalent. Military assault type weapons are much too easy to come by here. Federal law requires a permit for automatic weapons to be registered with the Bureau of Tobacco, Alcohol and Firearms and a background be performed on the purchaser. The problem with this system is that unless you are on a federal wanted list, your name would not come up on the list. Also, there is no verification that the applicant is not giving an alias. There is no visual check, only an application form. So in other words, a nut who wants an automatic assault rifle only has to place an alias on the

form. The computer wouldn't flag the application, because there is no federal file on the name and it is not cross referenced with state files that contain residence information. The Brady Bill would stop this insanity. The bill calls for a national cross referenced system that would tie in all of the various law enforcement files so a true background check can be performed. This is especially needed for military automatic machine-guns. Lets face the facts. These weapons are good for only one thing, and that is to kill people. That's what they are designed to do, take out alot of people in the shortest time possible. Some may argue that these weapons are used by legitimate sportsmen for target shooting and hunting. True they can be, but is it really necessary to target shot with a weapon that decimates a target in a two seconds? If you are practicing to improve your marksmanship, auto-

matics aren't the way to go. So how about hunting? Well if you need a automatic to hit Bambi, you probably shouldn't be hunting, you're a public menace! I'm sick and tired of hearing gun nuts bring up the second amendment rights. If you look at the wording, you would realize that it was never the intention of our founding fathers to arm Joe Blow Public. It was done to assure the right of the member states to keep a local militia to defend the state against the federal military. I'm sure if George Washington and the rest of padre primos could see what was happening here in America, they would agree that something must be done. Basically, it comes down to this, automatic weapons are too dangerous to be handed out with little or no check. Until we have the capability to background check properly, these weapons should be banned.

Student Forum

The Avion Asks: What did you think of the Avioff and how can it be improved?

Photos by Jaye Howell and Kaj Tuunanen



Animesh Banerjee
Junior
Aero. Eng.

"I thought it was funny. I wish it were true."



Louie Damers
Freshman
Aero. Science

"...but it got old after a while. Do you think this is going to get girls?"



Becky Kencik
Junior
Aviation Business Mgmt.

"It was too sexually oriented and the humor was very dry."



Michelle Brown
Sophomore
Air Science

"My virgin eyes were very offended! It was sexually offensive and obviously written by males."



Jesse O'Neil
Freshman
Aero. Science

"It was funny. It is good to have some humor in the press once a semester."



Marlon Payne
Junior
Aviation Maint. Mgmt.

"Have the real news, along with the fake news."

Fourth anniversary for SLDP

By Robert Davison
Staff Reporter

get more out of college by getting more involved within the college itself.

-Paul Bell, of Student Activities

Building tomorrow's leaders in aviation is the concrete foundation of the Student Leadership Development Program here at ERAU.

This year marks the fourth anniversary of the SLDP and as Paul Bell, the Assistant Director of Student Activities remarked, "The program for the students has steadily increased in quality and energy each year."

The SLDP is sponsored by student activities to help any and all students who want to get more out of college by getting more involved within the college itself.

The program, which is offered this Fall, has numerous areas of study and inter-action among the individuals chosen to enhance each of their particular abilities upon entering the program. From there,

the SLDP teaches future leader, the essentials to be all he/she can be in today's aviation field.

Although certain criteria has been established for the program, i.e. grade point average of 2.0, and have achieved second semester freshman status (12 credits hours), the SLDP offers students an energetic, caring and motivated environment in which to learn the fundamentals of being a leader.

The SLDP graduates about 40 students a year, and as Mr. Bell said, "If you look in today's news or on TV, there are numerous examples of poor leadership." He further added, "Our goal is to change that, so our

students can make a difference in both the present and the future."

The entire program relates to solid personal growth within an individual and runs for an entire semester. There are approximately 27 meetings, one every Tuesday and Thursday for generally one hour and requires an 85 percent attendance ratio to stay on board.

The course program is not for credit hours, yet the course may be one of the upper none credit courses to attend here at ERAU.

The SLDP students for this semester are involved with analyzing the possibility of having a car-care center here on campus. The

center is intended to help students with car repair costs by having a campus run automotive repair shop on the premises.

Also, the SLDP presented a volleyball tournament on April 4, 1993 at the ERAU volleyball courts to help raise money for the Children's Home Society of Daytona. There was a small fee for teams who enter the tournament and 75 percent of the proceeds went directly to the Children's Home.

Last year's SLDP students evaluated the possibility to have condom machines available here on campus and through recent lobbying were able to get such a machine being placed in use this Fall.

Even though the deadline has past for applications for the Student Leadership Development Program for this Fall. More information can be obtained from the Department of Student Activities, located in the University Center. The phone extension is 6039.



The students in the Leadership Development Program become involved in many worthwhile activities such as this volleyball tournament to help raise money for the Children's Home Society of Daytona.



Emory Counts takes the podium to discuss various issues in affirmative action, equal opportunities and dealt briefly with the education of the masses.

Affirmative Action in action

By Tyrus Young
Staff Reporter

On Tuesday March 30 the brothers from Kappa Alpha Psi sponsored a forum on affirmative action.

The forum opened with one of the brothers in Kappa Alpha Psi welcoming the students that came and gave some information on affirmative action.

After that the panel was introduced. The first panelist to be introduced was Professor Russell Moultrie, professor of Social Science at Bethune Cookman College. The other panelist was Emory Counts, Affirmative Action Personnel Officer of Daytona Beach.

Upon concluding, the speakers accepted questions from the floor.

Professor Moultrie spoke first. He started by saying "I am not going to stand up here and speak against affirmative action," but as he continued, he shared his views on the issue.

Professor Moultrie pointed out that in Article III in the Constitution of the United States there is a section that says there shall not be punishment by blood.

This, he said, meant that you cannot discriminate against someone for what that persons ancestors may have done.

Moultrie also spoke of those that believed affirmative action discriminates against minorities because affirmative action does not allow minorities the fair chance to compete. During the time that Moultrie spoke, he covered a number of issues one of which is the fact that those who are in the masses become educated and sever their ties to the community that they were raised in.

He also stated that some Jews and Italians go to college and take what they have learned back to their community and help it to grow.

After this statement, Moultrie asked "If the masses can't look after themselves, why should the government?" Moultrie also stated, "I don't care what the government does as I do care what we do," Moultrie called for minorities to do more for themselves and that affirmative action needs help to make it work.

Emory Counts spoke after Moultrie. Counts said that affirmative action and equal opportunity are to insure that there is equality for commerce and that the programs are "Based on race, color, sex, creed, veteran status, disabilities and age."

Counts also said that most affirmative action is

in the area of employment. Some of these programs are voluntary, some are court ordered. The programs have changed over the years, but in order for a corporation to get an affirmative action program ordered, a company must show statistical evidence of discrimination in availability or utilization of various groups (hispanics, veterans, handicapped, women, etc.), find the cause of these disparities and admit discrimination.

Counts said that the last condition was highly unlikely. Counts said that the idea of affirmative action doing great things is a myth. He said that affirmative action did four things: It made minorities and women aware that they can contribute; put in a mathematical format, the imbalance and disparities; made it "fashionable" to have a minority; and made the interests of those minorities who joined the work force to be heard.

A few questions were asked. One question was why when the term minority is used a black male is implied, and when the term women is used why is a white female the understood image.

Moultrie had most of the questions directed at him. In one of the final remarks Moultrie said that the educated will not help the masses of minorities, the masses feel that they are unqualified and he asked "Who's left?" College students.



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Center for Aviation/Aerospace Research An expanding facet of Embry-Riddle

By Kerwin Mckenzie
Copy Editor

The majority of students at Embry-Riddle are pilots. When they step into the cockpit, their only desire is to fly. What they do not think about are the components that make up their total flight experience.

Many of the aspects of aviation that students take for granted are developed through research.

At Embry-Riddle, the Center for Aviation/Aerospace Research (CAAR) is responsible for performing such research.

One of CAAR's goals is to provide a public service through the transfer of information and technology to the aviation community and the general public.

CAAR is located in the Embry-Riddle Annex in the GE building on International Speedway Boulevard. Dr. Richard Gibson, CAAR's director, has been with the division since its inception in February 1989. Dr. John Wise who joined CAAR a month later is the Senior Research Associate. Wise also teaches a Human Factors graduate course.

In speaking with Wise, it was evident that he and CAAR had students as their primary focus. Apart from helping the student with knowledge and tuition, and faculty, Wise sees the primary goal of CAAR as helping

to "increase the perceived quality of the University to the potential employer, and also the quality of their education."

Grants Administrative Analysts Valerie Riley and Karen Paris handles pre- and post-award administration.

A monthly newsletter, *Research & Creative Activities* serves to inform the ERAU community about developments at CAAR.

Information on the available opportunities are housed in their research library. Their efforts have not been in vain. Last year CAAR received \$2.2 million in awards compared to \$60,000 four years ago. For more information call Ms. Riley at ext. 6319.

Activities at CAAR:
The Effects of Low Level Alcohol on Pilot Performance

Husband and wife team Drs. Ross and Ross are the principal investigators on this project. This phase at ERAU is just an extension of their ongoing research.

The question is, "Does alcohol make you more susceptible to spatial disorientation?" A Frasca 141 flight simulator is used to observe pilot performance. Dr. Daniel Garland, Research Associate, and Mr. Patrick Guide, Graduate student are assisting on the project. Funding is available for three years.

Using Synthetic voice for Automated

Terminal Information System (ATIS) messages

This is a two part study. The first is in the laboratory. "A real cockpit is needed in order to get the right reverberations when the noise is pumped into the cockpit," says Wise. For this purpose, a fuselage of a Piper Cherokee 150 was donated by Norm Earle, an alumnus.

The second part of the experiment will be conducted in an actual airplane. Weather information will be downloaded to a computer in the ATC center, the controllers will add any other relevant information to the system. The completed message will then be broadcast on the ATIS frequency.

Don Tilden is the Research Associate working on the project. Final details are being handled to close the award from the FAA.

Conferences, Seminars, Workshops
An Artificial Intelligence and Human Factors Workshop was held in Spring '92. Dr. Daniel Garland was the workshop director, while Drs. John Wise and Iraj Hirmanpour (Computer Science) were co-directors. Funding was through the FAA and NASA.

In July 1992, a North Atlantic Treaty Organization (NATO) Advanced Study Institute conference on Verification and Validation of Complex and Integrated Air



Photo by Art Tomason

The Frasca 141 simulator is used in the *Effects of Alcohol on Pilot Performance* research. Pilots fly into the San Francisco Bay area. As soon as final calibrations are completed the research will begin.

Traffic Systems, was held in Portugal. The proceeding, which was edited by Drs. John Wise, Paul Stager (York University) and Mr. V. David Hopkins (RAF Institute of Aviation Medicine, and ERAU professor) will be available soon. The project was funded by NATO, ERAU, Department of Defense (DoD), Eurocontrol, FAA, and the Research Institute for Information Science and Engineering.

The first international conference on Situational Awareness in Complex Systems

was held in February in Orlando, Fla. Drs. Daniel Garland and Richard Gilson from the University of Central Florida (UCF) were the co-directors. The sponsors were the National Center for Atmospheric Research, U.S. Air Force Office of Scientific Research, U.S. Army Research Institute, the FAA, ERAU, and University of Central Florida. Position papers are currently being compiled.

see CAAR page A5

ERAU offers internship for blind

By Bob Davison
Staff Reporter

When Willie J. Daniels was 6 months old, a head injury changed his life forever.

The injury which left him partially blind at such an early age, is no longer such a large a disadvantage for him.

In cooperation with the Florida School for the Deaf and Blind (F.S.D.B.), located in St. Augustine, Fla. An internship has been instituted at ERAU.

This internship, arranged by Mary Ellen Otman, through the Division of Blind Services, allows interns to gain valuable experience and lasts approximately 6 months. This internship lasts approximately 6

months and is available for blind people seek to enhance career opportunities.

Daniels' duties includes all switch-board activities at the John Paul Riddle Center, a task he accomplishes without the aid of any special equipment.

He graduated from high school through the F.S.D.B. and is planning to attend DBCC this fall to study computers.

While at school for the physically challenged, Daniel worked for 6 years as a switch board operator.

During a recent interview, Daniel said, "I want to encourage any one that is physically challenged to not give up." He remarked additionally, "When things look bleak, is the time to get strong."

Daniels has taken the physical

challenge that he has and turned the outcome to his advantage, and claims to be surprised at the skills he uncovers as he works.



Willie J. Daniels

Sigma Chi paints womans house

By Tyrus Young
Staff Reporter

The brothers at Sigma Chi have done Embry-Riddle proud. On Saturday morning, February 27th, the pledges of Sigma Chi scraped and painted a house that belonged to an elderly woman.

The pledges also mowed, trimmed and weeded the lawn along with raking up the mess afterward. The pledges left the site after completing the task, leaving behind a grateful owner as well as an example of community spirit.

Nine pledges showed up for this event. The pledges, under the direction of John Wridington, removed the old paint by scraping it off. Once the old paint was removed, then the new coat of bright yellow paint was applied on the siding, eaves and overhangs.

While some of the pledges scraped and painted, others were working on the lawn: weeding, mowing and raking.

The pledges started this project approximately 9 a.m., completing it at approximately 5 p.m.

One of the pledges said that "I feel it was a fun thing to do because all of the pledge brothers had to spend the day together working on it, but it wasn't an easy job, trying to make the paint look decent." Another pledge said "I went home and sat down and thought about it, and it really touched me."

Gloria Black, the Volunteer Coordinating Director of the Council on Aging of Volusia County, wrote a letter of thanks to the Alpha Beta pledge class of Sigma Chi. In the letter Black thanked Sigma Chi for devoting their Saturday to help one of the clients of the Council on Aging. She stated that she was "very proud to have spent the day with" the pledges. Black also said she wished the whole community was there to witness the good thing that Sigma Chi did. She said the pledges were "truly" a credit to their families, their school and their Fraternity. In closing, she also said that "Daytona Beach's senior population is the richer," because the elderly had Sigma Chi here.

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Alumna Profile:

Suzanne Alley, Captain for USAir

By Amy Vidovich

Staff Reporter

Suzanne Alley, a 1978 graduate of Embry-Riddle Aeronautical University is presently a Captain for USAir. Alley graduated from the Aeronautical Studies program. She has acquired more than 10,000 hours flying time and has been a Captain for nine years now.

Alley began to take an interest in aviation as a career during her first years at the University of Georgia, where she was taking up pre-med. She began taking flight lessons while attending the University of Georgia.

Even though her parents preferred that she stay with medicine, Alley transferred to Embry-Riddle in the fall of 1976. She began in a program called Flight Technology which Riddle does not currently offer. The program allowed her to

obtain all of her ratings before starting her academic classes.

Alley began flight instructing after completing the flight tech program while taking academic courses. She also taught Multi-engine students at New Smyrna. She also worked at a local convenience store.

Alley indicated that there were very few females, more so than what the ratio is today. There was a very slim opportunity to be part of a women's organization. "Well, the campus was pretty much a parking lot except for the library," Alley said.

Alley spent little time at Riddle. Upon graduation she returned to Georgia.

She began flying freight and charter flights which she continued to do for two years. She then had built up approximately 3,000 hours. She then began to apply with major airlines. She was hired on with Piedmont in February of 1981 and since

Piedmont and USAir merged in 1989, she is now flying for US Air.

Alley started as a flight engineer and progressed to co-pilot and in 1984, she became a captain of their Boeing-737's which she currently flies. Right now she usually flies the Eastern part of the United States, Canada and the Bahamas.

Alley is very happy with her job. She described as being, "the best job in the world." She hopes to keep with her position at USAir until retirement, she currently lives in Georgia with her two children.

Alley stated that there are many ERAU graduates out there that are great contacts in the industry. "USAir is a major employer of Embry-Riddle graduates," Alley stated.

Alley's advice to current students is perseverance. "Don't let anyone discourage you. Embry-Riddle is the best education you can get. So, just stick with it," she said.

Campus News briefs and notices

Job Offered

The Florida International Festival, featuring the London Symphony Orchestra, has an opening for an Intern in Public Relations/Arts Marketing for the Summer of 1993. This paid position is available from June 7 through August 27.

Applicants should address resume and a sample of written work to: Pamela Stipsits, Marketing Director, Florida International Festival, P.O. Box 1310, Daytona Beach, FL 32115-1310. Telephone (904) 252-1511 ext. 407.

Deadline for resumes: April 30, 1993.

Financial Aid

Educational Advantage has been developed to assist students in their never ending search to obtain the necessary funds to finance their education. According to the U.S. Department of Education, nearly \$28 billion in traditional student aid is available but less than 10% of those in need know where to look for information regarding these funds. Funds such as Stafford, PLUS, Perkins, PELL, SLS, and the U.S. Senate Youth Programs do not always go to the students

(based on their need) who are entitled to receive them. They ultimately go to those who are most expert at finding and applying for them. Educational Advantage has produced a guide that allows students to obtain information on full tuition grants, scholarships, loans and sponsorships. With college inflation at 7 to 10 percent annually it is more important than ever to learn options that can assure a paid college. For information write to:

Educational Advantage
P.O. Box 771322
Lakewood, OH 44107

Library hours

Wednesday April 7th - 7:15am - 10:00pm, Thursday April 8th - 8:00am - 5:00pm, Friday April 9th - 8:00am - 5:00pm, Friday April 16th - 7:15am - 1:00am, Saturday April 17th - 8:00am - 10:00pm, Sunday April 18th - 1:00pm - 1:00am, Monday April 19th - 1:00pm - 1:00am, Tuesday April

20th - 7:15am - 1:00am, Wednesday April 21st - 7:15am - 1:00am, Thursday April 22nd - 7:15 - 6:00pm, Friday April 23rd - 8:00am - 5:00pm, Saturday April 24th & Sunday April 25th - Closed, Monday April 26th thru Friday April 30th - 8:00am - 5:00pm, Saturday May 1st & Sunday May 2nd - Closed, Monday May 3rd - Normal hours resume.

Morrison's Hours

April 16, Food Court-regular hours Snack Bar 9:00-4:00, closed for Summer.

April 17-18 Food Court-regular hours.

April 19-22 Food Court Breakfast 7:00-9:00, Lunch 11:00-1:30, Dinner 4:00-6:00 AMT Wagon closed.

April 23 Food Court Breakfast 7:00-9:00 Lunch 11:00-1:30.

Food Court closed until April 30.

April 30 Food Court 8:00-2:00 Grill only.

May 1-2 all facilities closed.

May 3 Food Court - Summer hours.

Summer hours: Breakfast 7:00-9:00, Lunch 11:00-1:30, Dinner 4:00-6:00.

Visit Your High School

One of the advantages to our semester ending early, is that most of the high schools are still in session.

By volunteering just a few hours of your time, you can make a tremendous difference in the future of many young people who are interested in furthering their education.

The Admissions office will work with you to set up a high school visit on a date that is convenient for both you and the high school counselors.

This program has become more successful with each passing semester.

We have had more than two hundred students participate in the program and hope for even more enthusiasm this time around.

If you are interested in visiting your high school during the summer break, please contact Christy at extension 6020 for details.

University hosts Russian officials

By Jaye Howell

Staff Reporter

As part of a police exchange program, several top Russian officials visited the campus.

From the Supreme Soviet of Russian Federation, was General

Gennady Aleksandrovich Dankov, Igor Viktorovich Moskalenko, Vice-President of the Fund of Milita Assistance, LTC. Vladimir A. Borisov, chief of the First regional Department of Internal Affairs of the Moscow Central Administrative District. Major Igor V. Novicov, senior inspector of Internal Affairs

and Viktor D. Kiseliyov, Deputy Chief of Internal Affairs of Moscow

The emissaries, came to the campus as a guest of Dr. Braim, to give a talk on current conditions in Russia. The talk was primarily for students of SS335-Military History, and SS331-Current Issues, but the talk was also open to the all students

and faculty. In the discussion, General Dankov answered most of the questions from the students.

The first set of student questions concerned whether Boris Yeltsin would stay in office. Dankov said that Yeltsin would probably remain in office, since the problems were between Yeltsin and the Russian congress.

The students then asked about drugs and violence in Russia. General Dankov said that treatment was given to first time offenders, but second time offenders were jailed. He added, that any one caught selling drugs was executed, no questions asked.

Crime in Russia was very limited, because citizens were not allowed to have pistols or rifles. Dankov asked if the students thought this was fair, the students did not agree.

The last set of questions were on the Russian economy. He commented that there was enough supplies and food, but there is no organization.

In his final comment, he said, "We spent 70 years trying to make socialism work. We could not. It is contrary to human nature. We are now trying to make democracy work, but we have no practice."



Russian emissaries stop at the Wright Flyer for a picture with the Army ROTC Cadre. The emissaries were on campus to talk with two of Dr. Braim's social science classes.

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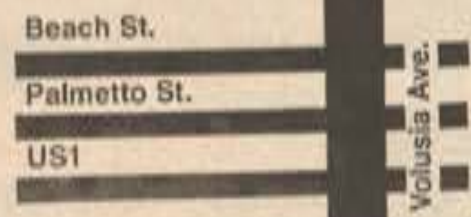
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ERAU Board of Trustees meeting held in Prescott

By Jeff Williams and Chris Hymer
SGA President and Vice President

On Wednesday, March 31, SGA President Jeff Williams and SGA Vice President Chris Hymer traveled to Prescott, Ariz. for the ERAU's spring Board of Trustees meeting. We were met in Prescott by the former SGA President Chris Scott, and the new SGA President Matt Savoca. We then toured the Prescott campus including visits to the radio station "KFLI" and Russ Knaack, the managing editor of Prescott's newspaper *Horizons*, gave us a tour of their student newspaper operations.

Thursday night we attended a reception and had the privilege of meeting several of ERAU's many distinguished trustees including: Edward Stinson, Trustee Chairman

and President of General Aviation Manufacturing Association; Edward King, founder of King Avionics; Jim O'Connor, President of Pratt and Whitney; and Lou Nehemeth, B-727 Captain for USAir.

On Friday we attended several Trustee committee meetings. The new Student Life Committee met for the first time and discussed its intended function. The committee members decided that they will participate in major project ideas that will impact student life, enrollment, retention, alumni support, and recommend policy on these projects to the Board of Trustees.

During the Academic committee meeting, Dr. Thomas Hilburn discussed a new Master's program in Software Engineering, and University President Steven Sliwa discussed his recent trip to Washington to testify before Congress. Dr. Sliwa described his

requests for Congress to help fund several technologically advanced programs and covered plans for several new Professional Doctorates in Aviation programs that could be offered by ERAU in the future.

Discussion also centered on a possible new undergraduate program in Environmental Science, and on some recent changes to the Aeronautical Science program. Deborah Osborne, the University's Director of Institutional Research and Effectiveness, reported on the new strategic planning program that has been adopted by ERAU.

On Saturday morning, the Board of Trustees convened and Vice

President of Administration Bob Jost discussed the current status of the University as the 1993-94 University budget was approved. He also discussed the new building projects planned for the Daytona Beach and Prescott campuses.

Aviation Constructors, Inc., the construction management firm that built the new Daytona Beach International Airport terminal (finishing \$3 million under budget and four months ahead of schedule) has been chosen to direct the building of the new Field House, Auditorium, Engineering Complex and Interfaith Chapel facilities. Construction will begin as early as this summer. Dr.

Jeffrey Ledewitz, Vice President of Student Life, reported on the current and projected enrollment status for the University. Last Fall, the Daytona campus had 4,341 students and an identical number is expected in the Fall of 1993. The Prescott campus had 1,511 students enrolled last Fall, and 1,463 are expected this year. In addition, Dr. Ledewitz discussed the success of the University's recent efforts to improve retention. He also indicated that the Daytona campus can expect about a 28% increase in flight students as the enrollment caps will be lifted this year.

Eric Doten, the Executive Director of Flight Services then gave a status report on ERAU's flight programs to the trustees. He gave a safety report that illustrated ERAU's remarkably low accident/incident rate and discussed some of the recent changes with regard to flight

specialist compensation. Doten also described the current status of the Daytona and Prescott aircraft fleets, and covered the "flight affiliate" program that ERAU is conducting with several FBO flight schools nationwide. He also spoke about some of the airline training affiliations that ERAU is acquiring with Northwest, United, Delta and US Air, as well as the University's efforts to hire more of its CFII graduates. Following a tour of Williams including visits to many buildings that could be used for university purposes, the trustees convened and moved that the University should reconfirm its commitment to the Prescott campus as Embry-Riddle's western location and investigate ways to make the campus more financially and educationally viable. They also moved that the university should continue to investigate possible uses for WAFB facilities.

...the Daytona campus can expect about a 28% increase in flight students as the enrollment caps will be lifted this year.

Kahler gives parking and ASSB update

By Phil Kahler
Aeronautical Science Representative

Well now that you have heard from the other Aeronautical Science Representatives, it is about time that you heard from me.

This past year I have been involved with many aspects of the Student Government Association (SGA).

I hold positions on the Parking and Traffic committee, and Air Science Student Advisory Board (ASSB). In the past I was on the Food Service Committee and Elections Committee. While sitting on the Parking and Traffic Committee, I have been a part of many different things.

First, I would like to say that the parking lot behind the A.S.S.L. is nearly complete. For those of you who haven't noticed the lot is already being paved and should open around the start of the Summer A semester.

There will also be some ten

minute parking spaces available to students behind the A.S.S.L. in the current parking lot.

Some other things we discussed were naming the parking lots, the use and installation of emergency (blue) phones in or near the parking lots, raised sidewalks to replace some of the current speed bumps, the Clyde Morris crossing problem and various other topics.

While on the ASSB I have learned many different things about the Aeronautical Science Department.

Our main project for this semester was starting a tutoring lab for Air Science students. With the help of Dr. Connolly, Dr. McGrath, and other faculty members the ASSB was able to accomplish its goal. We also discussed and looked into such things as the Dispatcher Program, Flight Safety minor, and any other courses that students have complaints about.

We are also there to answer any questions that you air science stu-



Phillip Kahler

dents may have.

With the food service committee I was there to answer any questions and complaints that students had about Morrisons food service.

I was also involved with the selection of a branded food division of Morrisons.

Travis Anderson, Housing Representative, has now taken over this committee and will answer any questions you have.

If there are any questions for me, I am available in the SGA office every Monday, Wednesday, and Friday from 10:30 a.m. to 12:00 p.m. Feel free to stop in at anytime if you have any concerns about anything.

Parking is expensive, but not here

By Linda Zinn and Kevin McAllister
Student Court Associate Justices

Having served on the Student Court for almost a year now, we have heard on many occasions that the pricing policies of the Parking and Traffic Office are astronomically high for the services provided. Feeling as this is a misnomer, the Student Court decided to research the subject.

From this research we have found that, on the contrary, Embry-Riddle has one of the lowest decal costs in the country.

We compared data from urban rural/private and public universities with both small and large student populations.

The following list is a sample of the data we collected with the university name and the cost per year stated respectively:

Florida State University, \$78.75, DePaul University, \$125.00, Texas A&M, \$25.00, University of So. California, \$268.50, Penn State, \$120.00, Yale, \$35.25, Princeton, \$110.00, Stanford, \$224.00, Indiana State, \$30.00 and Ohio State, \$30.00.

By Donna Coy
Aerospace Studies Representative

I am Donna Coy and I serve as the SGA Aerospace Studies Degree Representative. I am actively involved in the SGA by helping students with any problems. I also work along with Dr. Kain, the program chair of the Aerospace Studies

Degree, if any problem arises.

Many students received a questionnaire requesting their choice of color of tassels. Thanks to those who responded, the color of the tassel for this degree program is purple.

In light of the fact that the first students of this degree program will be graduating next semester, we are addressing the issue of graduation rings. If you have any ideas, please

As you can easily see a decal fee of \$15 dollars a year is quite reasonable.

While the student body, in general, complains of a lack of convenient parking there is certainly no reason to complain about the costs associated with parking at Embry-Riddle Aeronautical University.

While every student cannot have a parking space located right next to their classroom, we are fortunate.

We are lucky that we do not have to pay upwards and in excess of a hundred dollars to park our automobiles and walk almost a mile to class.

see myself in the SGA office or Dr. Kain in A207. Along with being a degree program representative, I currently sit on one university committee along with two SGA committees. I encourage the students of the Aerospace Studies Degree Program to feel free to see either myself in the SGA office or Dr. Kain in A207 if any questions, concerns or problems arise.

Coy offers Aerostudies update

CAAR

(continued from page A4)

A Human Factors Certification Procedure Conference will be held this summer just outside of Toulouse, France. Dr. John Wise, Mr. David Hopkins, and Dr. Dan Garland are the principal investigators. The conference has various sponsors including the FAA.

Airport Security Personnel Selection Criteria

CAAR is in the final stages of receiving a grant from the FAA to investigate the selection of airport personnel, with special emphasis on those who handle the luggage scanning equipment. Dr. Daniel Garland and Gerald Gibb (director of Airway Science Simulator Laboratories) are the principal investigators. Schedule start date is late May early June.

Global Positioning System (GPS) and Approach Image Generation (AIG)

This project's principal investigators are Dr. John Wise, Dr. Ron Morrison (GPS), Mr. Jim Blanchard (AIG). Mr. Florian Jentsch is the Associate Investigator.

Speaking on the project, Morrison enthusiastically says "GPS is a DoD technology that provides users with position information so that vehicles, in our case, aircraft or surface vehicles, can be located anywhere on the airport surface, or actually anywhere on earth."

"One does not go out there and buy GPS technology and plug it in," says Morrison. GPS requires integration with high speed ground based data communications, he continues.

GPS uses satellite data along with ground based receivers to locate objects on the ground or in the air. Daytona Beach International Airport will be used as the test site. The project is being funded by Martin

Marietta.

The AIG portion will look at problems associated with approaching an airport in poor visibility conditions. AIG generates an image of the airport and its surroundings on a display in the cockpit. This image is what would be seen approaching the airport on a clear day. "It is possible to build a display system that would provide the flight crew with a graphic image of the aircraft's flight path," says Jim Blanchard.

The research will look at issues affecting the use of AIG in the aircraft, such as human factors, vibration and power requirements.

The project is being funded by Jeppesen.

The Effects of Automation on Corporate Aviation

This projects looks at the effects of Flight Management Systems (FMS) in the cockpits. Veronica Cote, Joe Stewart and Patrick Guide are graduate students working on the project.

Dr. Jennifer Dyke, a Human-Computer Interface expert from UCF is assisting on the project. Funding is through the FAA.

Naval Training for Civilians

The Naval Training Systems Center (NTSC), University of South Florida and ERAU are validating some of the Navy's crew coordinating training. The project's goal is to investigate if the training will also work for civilian pilots.

The project is looking for about 130 subjects. Only about 33 has been tested at press time.

The training is free to pilots with basic flying skills. A small fee of \$5.00 is also paid to the subject. The feedback from the subjects has been positive so far.

Funding is through the NTSC. Paul Wassell, an ERAU graduate

student is coordinating the project. ERAU was chosen as a test site because of its large pilot population.

Thesis

Paul Wassell is currently working on his graduate thesis, "Cockpit Display of Traffic Information Simulator." Subjects are tested to see whether an intruding aircraft will hit, pass above, or below their aircraft.

Currently, computers detect approaching aircraft and warn the pilots and also tells them what to do. "We're taking it a step backwards... if we just give the pilot some raw data, how much is he able to determine, without the machine," says Wassell.

Subjects for this project need only possess a pilot's license. Mr. Wassell needs about 32 subjects. He can be contacted at 226-7111.

Automation and Pilot Performance

The Catholic University of America in Washington and ERAU is jointly investigating automation and pilot performance at CAAR. The study is looking at pilots reaction in a completely automated environment. Sri Sogal is the Student Research Consultant on the project.

Dr. Wise was sure to point out the importance of research facilities at universities. It helps to keep the tuition costs down, and it also keeps the professors and students employed. Finally, it enhances the quality of the students' education.

CAAR is our research facility, as Dr. Wise puts it "It's all happening here." Please visit the facility if any of these projects appeal to you, or if there is something you would like to have considered for research. The number is 226-6385.

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GET INVOLVED WITH YOUR SGA

Lacrosse team hosts tourney; ends season

By Don Tilden
Special to the Avion

bigger and better, and the players especially enjoy coming to Daytona around Spring Break. Next year's tournament is set for the end of March here at ERAU.

Also, the Eagles Lacrosse Team finished the season third in the Florida College league, behind only Florida State and UF. The Eagles season ended with a disappointing 9-8 loss to UF on Saturday at the league playoffs in Jacksonville.

The Eagles fell behind early and tried to play catch-up for the entire game. After falling behind by five goals, the Eagles managed to tie the game with goals by Mike Poppel, Scott Clark, and Todd Levvis. Goalie Jason Mye kept the Eagles in the game with several saves from pointblank range.

The Eagles hopes were dashed though, after two quick Florida scores. Scott Clark rounded out the Eagles scoring with one last goal, but it was simply not enough.

On Sunday, Florida State beat UF to become the state champions for the third straight year. The Eagles finished the season with a 14-4 record, and made it to the state playoffs for the fourth year in a row. The Eagles are losing several players to graduation this year so ERAU students interested in playing next year should watch for notices at the beginning of the Fall semester.



The ERAU Lacrosse team wrapped up its season with a third place finish in the Florida College League after losing in the semifinals to the University of Florida 9-8.

Intramural hockey holds all-star game

By Jonathan Famous
Staff Reporter

On Thursday, April 1st, 24 players competed in the ERAU intramural floor hockey all-star game.

In the pre-game shootout, Bill Kwak of Random Violence stopped 19 of 20 shots for the title of best goalie. Brett Quinn from Lambda Chi defeated the Milfers' Walt Ison and the Village People's John Robertson in a sudden death shootout to become the best shooter after all three tied at two goals each.

In the most accurate shooter competition, Walt Ison claimed victory as the only player to hit the target.

The all-star game pitted the Wales Conference, consisting of players from the Breakers, Random Violence, Hungry Somalians, Milfers, and Sigma Chi against the Campbell Conference, with players from the Canuux, Lambda Chi, Village People, Kings, True Fu Schnicks, and Dirt Chickens.

The Hungry Somalians' Gunny Roethel scored first for the Wales Conference. His goal was answered by Sean Fitzpatrick from the Canuux. The Milfers' Chris Lewandoski scored the second goal for the Wales Conference, but this wasn't enough to win the game, as Brian Bassett of the True Fu Schnicks and Rob Hefferman of the Village People both scored from half court to secure a 3-2 victory for the Campbell Conference.

Basketball team has banner season and continues to build

By John Luke
Staff Reporter

ERAU Basketball came off of its most successful season with a luncheon in the John Paul Riddle Student Center on Sunday, March 28, 1993. Mr. Steve Nordlund, Associate Director, University Relations, was the master of ceremonies where Coach Ridder and the outgoing seniors were honored.

Mary Ellen Wynn, Budget Specialist in the ERAU Budget Office, helped organize the barbecue. She stated that about 225 people attended. She said that the next main event she'll be helping to coordinate will be the season opening

party next September.

"It was the best season they ever had," Nordlund said. He said that the growth in five years was greatly helped by Coach Ridder's leadership ability. What's great about our team is their class act, companionship, team spirit, true definition of a team.

Mr. Steve Ridder, ERAU Basketball Team Head Coach, said, "I feel extremely satisfied in terms of our outstanding success." Ridder cited a 28-8 record, a top 20 ranking and a trip to the NAIA Division II championships. He said, "This is an impressive list of 'team' accomplishments."

Ridder identified the improvement in play of senior Sean Hester as the team's key strength

this year. Ridder said that the whole team grew this year and they all helped each other with Hester really coming into the limelight. Ridder said that Hester was recently awarded the Sun Conference Player of the Year. Ridder identified Hester's growth in scoring as a key element for the team.

Another strength Ridder identified was the "teamwork" the team showed as it became a more veteran squad this year. He said, "We recruit good people, quality kids with good attitudes and a strong work ethic." He said that it is only natural for these student athletes get along well for they share a common bond and a heavy interest in sports and aviation.

Kris Shanahan, Trent Kowalski,

Sean Hester and Al Tyler are the seniors who will be so dearly missed by the Eagles next year. However, Ridder said that twelve out of sixteen players will be returning next season. And with the depth on the bench this year through the efforts of Kris Shanahan, Al Tyler and Rodney King coming off the bench and helping the team out in the clutch, said Ridder.

Ridder also pointed out that the Eagles were good at winning the close games. The home court advantage was a definite plus for the Eagles, according to Ridder. He said that the field house, expected to be completed by fall of 1994 will bring ERAU Basketball to a new level of greatness.

Ridder said he will be working the players hard over the next few months in preparation for next season. They'll be working on shooting from the perimeter, maintaining a high concentration level throughout game play, shot selection, rebounding and defense.

He said that all areas will be reinforced and developed.

Ridder stated that he is happy at Embry-Riddle and especially glad to have the support the ERAU community is showing the team. He said that he is thrilled by the support and enthusiasm which everyone is showing. He feels that he is building a better and better team every year. Ridder said, "We're starting to get closer to becoming a veteran team."



Letters

(continued from page A2)

To save a great deal of time and aggravation for yourselves either get sick on Wednesday or go to the Walk-In Medical Treatment Center located on 1130 Beville Rd., Daytona Beach, FL 32114 the phone number is (904) 253-6051. I will be attaching my name and box number so that I may be reached by those who have been involved in this sobering experience and those who work down at the infirmary. I welcome all comments and suggestions pertinent to this problem.

Andres L. Niemeyer
ERAU Box 7634

Degree correction

To the Editor:

In the 24 March 1993 edition of the Avion ERAU student Christopher Roth wrote you a letter about me which contained many kind expressions of support for which I am very grateful. The letter, however, contained one somewhat confusing error which I wish to rectify. Chris characterized my law degree as a "PhD in law." The correct academic title for my law degree is "Juris Doctor." So, for the record, my academic degrees and degree-granting institutions are as follows: Juris Doctor (Syracuse University); Master of Arts in Journalism (Syracuse University); and a Bachelor of Arts in Political Science (Saint Michael's College). Thank you for the opportunity of correcting this apparently inadvertent error.

Kevin T. Althouse
J. D. (not Ph.D.)



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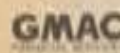
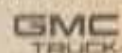
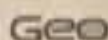
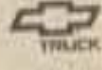
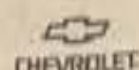
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Rape has school officials worried

Associated Press
 KANSAS CITY, MO. — A high school principal says students are deeply concerned by allegations of a rape in a classroom, and the incident has motivated them to take action against any type of violence on campus.

The allegations, which arose last week, involved three special education students.

A 16-year-old girl allegedly was pushed into a computer lab room Monday by two other girls, who watched while a male student sexually assaulted the first girl.

"The way we make something better is by talking about issues like this, letting the community know we abhor violence," Southwest High School Principal Tom Reefer said Saturday.

Police also said Saturday they are close to making an arrest. "We just want to get all the facts together and the interviews done," said sex crimes Sgt. Dan Witcher.

The incident became public Friday after Reefer delivered a broadcast to the student body about it. The district made a copy of the video available Saturday.

"I am saddened by this event," Reefer told students. "This violence ... has created the lie that our school is a violent school, which it is not."

He urged students to develop a school community that is a model of morality, integrity and respect.

He said that once students learned of the episode, they expressed immediate concern for the health and safety of the alleged victim.

They also decided to start small

group discussion about violence in school and society after spring break this week.

Reefer said the alleged victim and the two other girls, aged 14 and 18, missed an afternoon class that day.

The alleged victim rode the bus home and told her mother what happened, he said.

The mother reported the incident to police and Reefer learned about it later Monday, he said.

The boy and two girls were suspended from school the next morning.

Reefer said the alleged victim would be placed in another school by the district's special education office.

If a district investigation supports the initial allegations, the three suspended students will be expelled from the district.

Mother of all gag orders on trial

Associated Press
 NEW YORK — It may ensure a fair trial or it may retire the national debt. Whatever its effect, there's rarely been a gag order like the one imposed in the World Trade Center bombing case.

The order, issued Thursday by Judge Kevin Duffy, would cost lawyers \$200 for the first blab and square subsequent fines: \$40,000, \$1.6 billion, etc. "An exponential gag order?" asked John Henry Hingson, one of many prominent lawyers who professed never to have heard of such a creature.

Duffy gagged lawyers in the case after weeks of news reports based on information from unidentified law enforcement sources.

"There will be no more statements issued by either side or their agents," the judge told lawyers Thursday in Manhattan's federal court.

"The next time I pick up a paper and see a quotation from any of you, you had best be prepared to bring some money ... If you keep going, you will pay off the national debt."

In announcing the specific amounts, however, Duffy multiplied wrong. Square the first fine, \$200, and you get \$40,000, not \$4,000, as Duffy said; fine number three would

be \$1.6 billion, not \$160,000.

On Friday, the judge's office said he would abide by the laws of mathematics; the higher figures stand.

Duffy also told the prosecution that in case of leaks by "agents and agencies" there should be a grand jury investigation.

Otherwise, he said, "the United States attorney will be required to pay the fine." There was, he said an alternative form of payment: work it off in prison at a rate of 70 cents a day.

The gag order surprised experts. "A first," said Gerald Lefcourt of the National Association of Criminal Defense Lawyers. "Never heard of one like it," agreed Randolph Stone of the American Bar Association's criminal law committee.

Judges are allowed to gag (forbid from discussing cases in public) lawyers in highly publicized jury trials to ensure that issues are resolved in court, not in the news media. The Supreme Court has ruled that such orders are justified if there is "a substantial likelihood of prejudice" from out-of-court statements.

Appeals courts have allowed some gag orders - as in the Wedtech trial - and rejected others, as in the Joel Steinberg murder trial.

Duffy's rule was unusual in three respects: the announcement of a fine

schedule before the fact; the Himalayan escalation of such fines; the requirement that the U.S. attorney "show some progress" in investigating any leaks, or pay the fine.

As for the latter, "It's great bark, but will it bite?" asked Stephen Gillers, a New York University law professor. The problem, he noted, is that when the prosecution leaks violate a gag order, the leakers investigate themselves. As a result, said Lefcourt, "Nothing happens to anybody." In the trade center case, neither side asked for a gag order.

Before the order, defense lawyers complained that the government was leaking information to the media while withholding it from them; after the order, they complained that they were barred from doing what the government already had done in the past.

Defendants suffer more from gag orders than prosecutors, according to Monroe Freedman, an expert on legal ethics at the Hofstra University Law School.

Freedman said, "You need your right of free speech more than ever when you've been accused of a felony. It's like (former Labor Secretary) Ray Donovan said after he was acquitted at his trial: 'Now where do I go to get my good name back?'"

Perry sworn in as Deputy

Associated Press
 William J. Perry was sworn in as deputy secretary of defense during March 11 ceremonies at the Pentagon. Perry, 65, was nominated for the position of deputy secretary Feb. 3, 1993, and confirmed March 5.

Defense Secretary Les Aspin told the assembled group of about 200 that Perry has been called the "father of stealth technology" for his work while undersecretary of defense for research and engineering during the Carter administration.

He was responsible for weapon systems procurement and research and development, and he was the secretary's principal adviser on technology, communications, intelligence and atomic energy.



Bill Perry

Aspin said Perry's experience as a scientist, businessman and public servant give him unmatched expertise in areas he will oversee.

Perry will manage the restructuring of the acquisition process and the refocusing of research, development and procurement efforts.

"Acquisition has to be streamlined and made more efficient. Without success in this area, it will be extremely difficult for us to maintain our high-technology advantage in weapon systems at an affordable cost," said Aspin.

Perry, an Army veteran, will also be responsible for examining the impact of defense changes upon the economy.

"We simply must do a better job of integrating the defense and commercial sectors," Aspin said.

"I can't think of anyone with a better understanding of the full range of these issues than Bill Perry. His knowledge and judgment will be extremely helpful to us," Aspin said.

"When we watched (Gen.) Colin Powell and his wonderful troops under Gen. (Norman) Schwarzkopf in the Persian Gulf using those weapon systems, the thing that came to my mind, in addition to the quality of the leadership and quality of personnel in the field, was that somebody with vision had a big role in this. And more than any other person, in my mind, it was Bill

Perry," Senator Sam Nunn, chairman of the Senate said.

The Packard Commission decided the F-117 program was the procurement model to emulate, Nunn said. Nunn explained the program was completed below cost and on time, six years from beginning to end.

Previously, he was chairman of Technology Strategies and Alliances, a professor in the School of Engineering at Stanford University and co-director of Stanford's Center for International Security and Arms Control.

Prior to that, he was an executive vice president of Hambrecht & Quist Inc., an investment banking firm in San Francisco specializing in high-technology companies.

He also was director of Electronic Defense Laboratories at Sylvania/General Telephone. In 1964, he helped found ESL, Inc., a defense electronics and special-purpose computer systems company. He served as its president until 1977.

Perry graduated from Stanford University with bachelor of science and master's degrees in mathematics. He earned a doctorate in math from Pennsylvania State University.

He is a member of the National Academy of Engineering and a fellow of the American Academy of Arts and Sciences. He and his wife, Lee, have four children.

Police Chief admits racial slur in court

Associated Press
 PHILADELPHIA — A Delaware County police chief testified in federal court that one of his officers used a racial slur to describe a black man who told police his neighbors were harassing him.

Colwyn Police Chief William J. Garrity was called as a witness Friday in a civil rights suit filed by Eddie Wells, who claims that Officer Frank Gentilini assisted residents in harassing him and was never disciplined by the borough.

In the suit, Wells also accused five neighbors of making false complaints about him to police in 1990 and 1991.

He claims the neighbors conspired with Gentilini to violate his civil rights.

Garrity testified that after Wells complained to the Pennsylvania Human Relations Commission, the borough reached an agreement in May 1991 that promised a response to any complaint.

But the next day, Wells called police and complained that a neighbor was yelling racial slurs at him while Gentilini watched.

When Garrity asked Gentilini for an explanation, the chief testified, Gentilini said, "Why are we catering to that nigger down there?"

Garrity said that when he turned to Colwyn Mayor Thomas Kilian to have Gentilini disciplined, Kilian took no action.

Kilian testified earlier that racial tensions in Wells' neighborhood had been investigated by the FBI, the Justice Department and the Pennsylvania Human Relations Commission.

"I don't know what else we could do because everything was being done according to the regulations of the police department," he said.

Wells ... complained that a neighbor was yelling racial slurs while (Police) watched.

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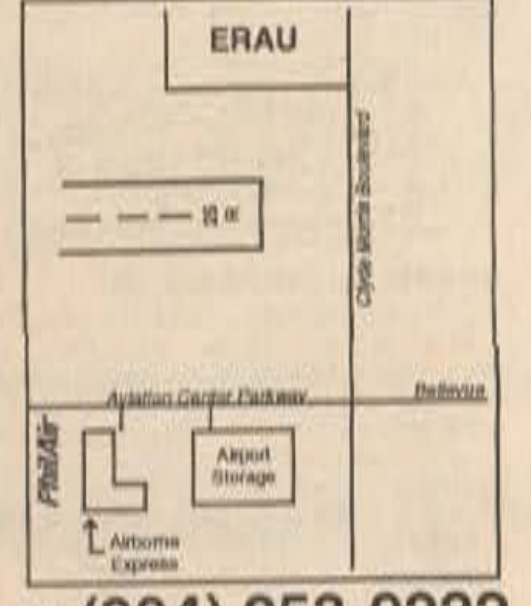
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