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THIS SATURDAY
FEATURING
SPYRO GYRA
OCEAN SOUND



Pictured above are the first Management club scholarship recipients, Lisa Juitani and Fotorunso Adekoya, as presented at their monthly meeting. Also pictured are E-RAU Professor Rudolph Knabe on the left and guest speaker Robert Court, Senior Vice-President of National Florida Airlines. See related story page 7

Aeronautical Science Faculty evaluates FAA

Non-traditional programs may merit credit

By Max Corneau
Avion Staff Reporter

On Monday October 25, three aeronautical science instructors traveled to the FAA facility in Oklahoma City. The purpose of the visit was to evaluate specific courses taught by the Administration.

The three, Paul McDuffee, Director of Flight Training; Dr. Conally, Chairman of the Flight Department; and Dr. Blackwell, Chairman of

Aeronautical Science, were indirectly contracted by the American Council of Education.

The council contacted Embry-Riddle through its Aviation Education Division. The instructors submitted resumes to the Education Council as well as the FAA. The resumes had to be accepted by both before the instructors were selected.

According to McDuffee, "We were set up in teams to evaluate non-traditional education pro-

grams. The courses we looked at were not taught for college credit; we were finding out if they merit college level credit." Continuing in his explanation of the American Council of Education, "The council is a highly respected source in its field. They publish a book each year which lists all non-traditional courses which are seen by them as fit for college credit."

As far as the impact on E-RAU of the course evaluation team, McDuffee explained that it is a

very positive reflection on our University. "The fact that our people were selected to evaluate other aviation programs shows our credibility in the field of aviation."

Another advantage of the staff members selection to the evaluation team relates to insights gained from working directly with the FAA. McDuffee explained the benefits of their attendance, "Not only did we learn that our Air Science programs closely resemble what the FAA is teaching its peo-

ple, but also that we learned about some things not being taught here."

Specifically, McDuffee evaluated the Flight Standards teaching curriculum while Dr. Conally evaluated the Air Traffic Control Program. The ATC facility, known as the Mike Maroney Aeronautical Center, is where the FAA is training the new controllers. Finally, Dr. Blackwell dealt with the Airway Facilities program.

McDuffee commented, "being chosen to evaluate the FAA is a mark of distinction for those of us on the faculty at E-RAU." Once the FAA contacted the Aviation Education Design Department through Nena Becker, former Dean of Students, the faculty members submitted appropriate information regarding areas of expertise.

Paul McDuffee commented about the added benefits of evaluating training programs other See FAA, page 3

Embry-Riddle Aeronautical University
Daytona Beach, Florida



November 10, 1982
Volume 42 Issue 9

The Award-Winning Newspaper of College Aviation

Crowds and Clouds attend the Kissimmee Airshow '82

By Holly Vatti
Avion Layout Editor

The Florida State Air Fair 1982, sponsored by the Kissimmee Rotary Club, was held on November 6-7 at Kissimmee Municipal Airport. The fair consisted of an air show and static display.

The static display featured over 30 different aircraft. Some of them included: Two new Beechcrafts, ultralights, a Boeing 737, and many more.

The air show started at 12:45

circled snap rolls, torque rolls, an outside loop and front-to-back rolls.

Leo is from Sussex, New Jersey. He is 37 years old and a former member of the United States Air Force. Leo is presently a commercial pilot for one of the major airlines. He has been a world champion acrobatic pilot since 1975. Last year he received the Victor Award, which is given each year to an outstanding sport figure. Leo was the first pilot to

every jump proving their renowned ability for accuracy.

Bob Hoover, an experimental test pilot for Rockwell International, took a Sheik Commander to the air. The Sheik Commander is a twin-engine business/utility aircraft. The 1968 model that Bob used in performing his acrobatic series has no modifications. It is a standard plane. Bob's performance included many power off maneuvers. He did a zero airspeed stall, an 8 point roll, a loop, land and taxi with no engines.

Bob Hoover is in his 44th season on the airshow circuit. He is from Los Angeles, California. Hoover is a graduate of both the Air Force and Navy test pilot schools. Bob served in World War II as a con-

tact pilot flying Spitfires. He completed 58 missions but was captured on his 59th mission. Bob then became a prisoner of war.

Some of the military awards Bob has received are the Distinguished Flying Cross, the Soldier Medal, the Air Medal and the Purple Heart. He has received many honors as both a test pilot and acrobatic flyer.

Jim Franklin and Johnny Kazian performed next. Jim was flying the Waco Mystery Ship with Johnny walking on the wings. Johnny Kazian is a Hollywood stuntman; one of his notable stunts was performed in the Great Waldo Pepper. Jim Franklin did an acrobatic routine which included loops, rolls, inverted flight, torque

rolls and tailslides. All this was done with Johnny on the wings. During flight Mr. Kazian moved from the top of the wings to between the two wings of the Waco Biplane. John even performed a headstand. The stuntman has no cables, wires or ropes to grip. His only aid is a 4 inch wide strap which keeps him in the vertical track.

The finale of the day was the performance by the U.S. Navy Blue Angels. The Blue Angels are a precision flight team currently celebrating their 36th anniversary. They performed loops, rolls, and many opposing maneuvers, all in a precision fashion.

The Blue Angels fly A-4F Skyhawks. It is a high speed air-

craft. A combination of power and light weight gives the aircraft impressive maneuverability, rate of climb and acceleration. The A-4F is powered by a Pratt-Whitney J52-P-408 turbojet engine, which provides 11,200 pounds of thrust. The Skyhawk can takeoff and land in a field as short as 4,000 feet.

The Blue Angel pilots are officers from either the U.S. Navy or the U.S. Marine Corps. When the Blue Angels fly in the Diamond formation the aircraft are only 36 inches apart. All of the pilots have at least 1,500 hours flying experience. Their performance enabled the audience to see the control and concentration the pilots of these aircraft need.

Circling the jumpers were two acrobatic aircraft, a 1941 PF-7 Waco Mystery Ship and a Laser 200.

p.m. The first performance was a parachute jump by a U.S. Army Golden Knight bringing down the U.S. Flag. Circling the jumpers were two acrobatic aircraft, a 1941 PF-7 Waco Mystery Ship and a Laser 200. The Waco has a Pratt-Whitney 985-9 cylinder engine. The Laser 200 is a 80 percent modified Stiphen Akro.

The Laser 200, piloted by Leo Loudenslayer, then remained in the air to perform a series of acrobatic routines. Leo's show in-

receive this award in its 15 year history.

The U.S. Army Golden Knights, out of Fort Bragg, performed a shortened show. The cloud cover was too great for the parachuters to make the last jump. The Golden Knights Team consists of all enlisted personnel. A YC-7A Caribou is used for the demonstration performance. The Caribou's airspeed is only 80 mph during flight, takeoff and landing. The parachuters landed on target on



The U.S. Navy Flight Demonstration Team, the Blue Angels, entertained a crowd of well over 30,000 aviation enthusiasts at the 1982 Florida State Air Fair in Kissimmee this past Saturday. Photo by Dave Frost

Former E-RAU instructor slain in Volusia shootout

Steve Saboda, a former A & V instructor here at Embry-Riddle, was killed Saturday, November 6, while acting as Volusia county's crime prevention officer.

This past weekend a Volusia County Deputy Sheriff and gunman died in a shooting which left several wounded and 2 dead.

The incident, which took place in Deland, originated as a routine disturbance call, according to a Volusia County Sheriff's office source.

CorpOral Earnest Harris was shot and seriously wounded when he and his partner responded to the domestic quarrel call. The gunman, who was at his home, began shooting when the first two officers responded.

Saboda, a former Embry-Riddle

designated maintenance examiner, responded on the scene when the Volusia County Special Weapons and Tactics Team (SWAT) was called in.

According to a Volusia County Sheriff's Office source, "there was a volley of shooting throughout the night. Apparently Officer Saboda was shot during the night and his partner was unable to get to him because he was pinned down by gunfire."

Nearly 12 hours after the start of the incident, the gunman, Ron Sanders took his own life. Other than the deaths of the gunman and Officer Saboda, "Sanders wounded his girlfriend with one of his numerous weapons," according to the Sheriff's Office.

Aeronautical Engineering Chairman outlines new Pre-Engineering program

By Bill Schrock
Avion Photo Editor

Record enrollment has filled the Aeronautical Engineering Department to capacity, leaving it one of the three largest in the nation. But as numbers swelled, Aeronautical Engineering Department heads implemented a new policy to maintain quality and size.

This policy calls for "all students (entering engineering) to go into a Pre-Engineering program," stated Dr. Howard Curtis, chairman Aeronautical Engineering Department. He continued, "over 100 students are in the Pre-Engineering program, where their ability is tested." Dr. Curtis went on to explain that this would not affect Embry-Riddle's open door policy, but would be used as a "holding pattern for questionable students." This would allow available seats to be given to qualified students.

The Pre-Engineering Major is a syllabus of five basic courses. Included are Chemistry I, Chemistry II, Calculus I, Calculus II and Engineering Physics I. A grade of C or better must be obtained in each of these before a student is

allowed to proceed with Engineering Science or Aeronautical Engineering classes. Dr. Curtis stated, "a student that can not pass with a C or better may not have the aptitude for engineering, allowing us to predict the five year outcome."

When asked if this would affect present Aeronautical Engineering students, Curtis added, "we aren't See ENGINEERING, page 3

Inside this week

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Editorial

In retrospect . . .

This early part of November has been quite an eventful one. The stock market saw its largest gain in history while the same week saw a larger decline. Americans made shifts in their senate and congressional representation with the November 2nd elections. And this is also a time when many of our fifty states are laboring to solve a myriad of problems - that affect the environment we live in. And unless someone does something about these problems, they will escalate until they are out of control. Last week saw several instances of citizens taking control before it is too late.

In Baltimore, Maryland drugs were so out of control that the police chief went on local radio to solicit help from citizens in trying to stop drug abuse and the crime that inevitably follows it. Response was so supportive that over 250 phone calls were received the first day which culminated in 91 arrests. I say bravo for the city leaders for being innovative at a time when we need new approaches to old problems.

Where Baltimore channels its efforts towards social purification, the state of Nebraska is concentrating on economic simplification.

The Nebraska Farmers Union led a campaign that recognized and protected family farming. Family farming was written into the state constitution and prevents non-family corporations from buying land for farm use. This amendment wasn't spoken from the lawbooks, but rather from the hearts of the Nebraskans who voted it in.

And even closer to home, Governor Bob Graham is rallying support for a "Sell Florida to Floridians" program. It seems that out-of-state corporations are buying large tracts of beachfront property and preventing public access. On top of all this, they are inducing the Department of Transportation to post right of way signs in these areas. In this case, citizens tax dollars would be used to "Buy Florida for Floridians."

Again I say bravo! Free enterprise is what this country is built on. But when it takes on the form of corporate domination in Nebraska, or takes on an ill-fated form on the streets of Baltimore, it's time for action. And I'm glad citizens are doing just that!

President's corner

The Missing Persons concert was cancelled due to the lead singer, Dale Bozzio, collapsing on stage the night before. She is in the hospital with pneumonia and the tour for the rest of the year has been cancelled. A tentative make-up date is January 8, 1983. New tickets will be issued, again on a first-come-first-served basis. Jazz Fest is this Saturday, featuring SPYRO CYRA, starting at 1:00 p.m. and ending at 6:00 p.m. Be sure to attend as this will be the major event of the trimester.

Student Administrative Council meetings are held every Tuesday at 5:30 p.m. in the Common Purpose Room. There is a student input and question session when concerned students may voice their opinions or questions. The main purpose is that we may be informed of any problem that we may need to research on campus. Dr. Ledewitz, Chancellor of E-RU, will be attending our S.A.C. meeting on November 16, to inform us as to how the University operates with monies collected and the purpose of E-RU's subsidiary companies. This should prove to be a most interesting meeting and seating is limited, so get there early.

Class ring orders can be made in the S.G.A. office on Tuesday from 12 noon to 5:00 p.m. and Fridays from 8:00 a.m. to 2:00 p.m. A five dollar deposit is required. The S.G.A. has many taxidays to get your education off the ground. If you're interested in becoming a more dynamic individual both on and off campus, join the Student Government Association and its divisions.

Dino Santenazario, Jr.



letters

CIA witness found dead

Heavy metal: yes or no?

To the Editor:

I am a member of the W-ERU/FM Stereo Committee. I would like to know how many people are interested in an hour of Heavy Metal scheduled into the format. The hour would feature such bands as Led Zeppelin, Judas Priest, Rush, Van Halen, Black Sabbath, Iron Maiden, Def Leppard, AC/DC, and Ozzy Osbourne. Heavy Metal is vastly becoming one of the most popular types of music. It does not follow a trend of "what is in". There are many misconceptions as to what Heavy Metal is. Most people think it is all screaming and noise. Heavy Metal has no falsetts in it. Its Rock-n-Roll in its purest form. I would be in charge of this hour and I'm open to anyone's suggestions. So, if Metal is what you want, let me know.

Richard Novak
Box 7532

By Jack Anderson and Joe Spear

WASHINGTON — Kevin Mulcahy was found dead under mysterious circumstances outside Virginia motel room on Oct. 26. He was 39 years old and a former CIA officer.

More important, however, was the fact that Mulcahy was a former associate of renegade CIA agent Edwin Wilson. It was Mulcahy who first tipped off the FBI to Wilson's operations in Libya.

Wilson's under arrest on charges of smuggling explosives to Libyan dictator Muammar Kadhafi. He is scheduled for trial on Nov. 15.

Mulcahy was to have been the government's star witness against Wilson. Now he is dead. But our associate Dale Van Atta has learned what he was prepared to testify.

Mulcahy went to work for Wilson in early 1976. He soon grew alarmed at the sophisticated weapons Wilson was willing to provide to the Libyans. But Mulcahy thought Wilson was running an underground operation for the CIA.

After six months, Mulcahy suspected Wilson wasn't working for the CIA at all. So he rifled the files in the offices he shared with Wilson's associate, Frank Terpil. Here is how it was described in a secret Justice Department document: "On Sunday, Labor Day weekend, 1976 (Mulcahy) went to his office and examined numerous files maintained by the company, and other papers which Terpil kept in his desk. Among those papers and files were documents detailing a proposal to the government of Libya to manufacture explosive devices. Also included was training and intelligence gathering, sabotage and terrorist activities..."

"Mulcahy realized what he had become involved in, and fearing that the documents would not be available at another time, he removed those documents and numerous others... He then contacted officials of the CIA, who referred him to the FBI. He later supplied the documents to the FBI..."

There is now some question whether the document Mulcahy gave the FBI can be used at Wilson's trial this month. There is concern that the government won't be able to prove where the documents came from, now that Mulcahy is dead.

Mulcahy was the second important witness against Wilson to die this year. The other was Rafael Villaverde, who was killed and boat explosion near Miami. Villaverde claimed that Wilson and Terpil hired him and another Cuban to assassinate a Libyan dissident. Villaverde had worked for Wilson in the CIA's anti-Castro operations of the 1960's.

HARD FACTS: Shortly before last week's election's, Sen. Edward Kennedy, D-Mass., charged that the Reagan administration is planning to slash Social Security benefits. President Reagan responded that he would protect those benefits at all costs.

The hard facts, meanwhile, are suppressed so that the politicians could promise that the taxpayers would have their cake and eat it, too. Now that the elections are over, you can expect to hear some realistic discussion of what must be done to save the system.

We have seen the preliminary draft of a Congressional study on Social Security. It discloses that the Social Security system needs another \$18 billion if it is to continue paying benefits through 1985. After that, the outlook should brighten somewhat for all but the Medicare program.

There are only two ways to raise the \$18 billion that will be needed to keep the Social Security system solvent: Either taxes must be raised or benefits must be cut. The politicians who said they were opposed to raising Social Security taxes really meant they would cut benefits. Those who claimed they wouldn't tamper with the benefits were really saying they would raise Social Security taxes.

It's as simple as that. Now that their jobs are safe for another two years, maybe they'll say it in plain English.

Klyde Morris

wes oleszewski



the avion

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Debtors can now be traced by computers



that the main offices of banks now have computerized orders served on main offices are just as effective as those delivered to the branches involved.

PERSONNEL: workers who are likely to quit or be fired: Turnover is greatest among workers who: Commute over an hour.

-Held three or more jobs in the previous job.

-Were fired or laid off from their previous job.

-Are either young and single or divorced.

-Were recruited by friends or co-workers.

Turnovers are greater for men, and men are fired more often.

DRINKING ON THE JOB: A company must act to prevent rule violations when they can reasonably be anticipated. Otherwise, the company may not be able to enforce its rules at all. Recent

case: Management found a cache of whiskey hidden in the plant, but took no action. Later, management found a worker drinking in that area of the plant. Arbitrator's decision: The company could not fire the worker.

QUICK RECOVERY: An individual applied for life insurance and paid the first premium. The insurance company refused to issue coverage until the individual had a conditional receipt for the payment. Later that day, the individual was killed in a car crash. The insurance company refused to pay on the claim because it had not accepted the policy before the applicant was killed. Court's ruling: The company had not printed disclaimers on its receipt for the payment. It was bound by its agent's statement and was liable on the policy.

ALL IN THE FAMILY: An auto insurance policy stated that there was no coverage when the car was driven without the owner's permission. One day, the owner's son (who did not live with the owner) took the keys and was involved in an accident. Court decision: The insurance company was not liable under the policy. The son was a "family member" and was covered by the policy.

SMART CROOKS: Burglars pore in burglar-alarm salespeople, soliciting information over the phone about whether homes are protected by alarm systems. Unprotected homes are marked as possible targets. Defense: Give no information to a burglar-alarm salesperson without first checking out the company.

COMPUTERS EASE THE TASK OF A CREDITOR TRYING TO ATTACH A DEBTOR'S ACCOUNT IN A MULTI-BRANCH BANK: The rule used to be that an attaching creditor had to locate and serve the particular branch in which the debtor was a customer. But recently a Texas judgment creditor got a federal court in New York to recognize

CROSS WORD PUZZLE

FROM COLLEGE PRESS SERVICE

ACROSS

- 1 Newspaper, collectively
- 8 Birds
- 11 Spin
- 12 In or's
- 14 Three-leafed
- 15 Galls
- 16 Writing fluid
- 20 Appointments
- 23 Organ of the
- 24 Mice
- 25 Heard
- 28 Tautonic
- 29 Star legacy
- 31 Swords
- 33 Arabian
- 35 Shit
- 36 Hopless
- 38 Ties
- 42 — Cid
- 43 Long nose
- 45 Kind of
- 46 Cow
- 48 Aquatic
- 50 Greek letter
- 51 Land
- 53 Pinhead
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- 56 Drive up
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- 61 Small shoots
- 62 Handle

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- 6 Postscript
- 7 Face
- 9 Goal
- 10 Killer
- 11 Lin
- 13 Pitcher
- 14 Let's stand!
- 15 Windy day
- 16 Toys
- 17 Time period
- 18 Locusts
- 19 Draw out
- 21 Public store
- 22 Public store
- 23 Mosaic
- 24 Lure
- 26 Wind part
- 27 Actor
- 28 Frigate
- 29 Vined tracks
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See ANSWER, page 12

Cheating rampant in NCAA schools

College Digest News Service

Everyone reads about the top ten college teams, and who's leading the nation in statistics, but a lot of people miss out on the little stories about the cheating that have been caught.

Eighteen universities are currently on some sort of NCAA probation.

Nine are on probation for football infractions including Arizona State, Southern Methodist University, and the Universities of Colorado, Georgia, Miami, Oregon, Southern California, Wisconsin at Madison, and Texas at Austin. Most of the infractions stem from improper recruiting practices. Arizona State, and the Universities of New Mexico and Oregon are all barred from appearing in televised games this season. Some schools, like the Universities of Colorado, Texas and Wisconsin have no sanctions in effect for their charges of improper recruiting.

The University of Southern California currently has the harshest sanctions in effect: no postseason competition through the 83-84 season, no televised games during 83 and 84, and a coach prohibited from recruiting for two years and 16 people prohibited from participating in the athletic program for a period of three years. Southern Cal's probation will end April 21, 1985.

The schools on probation for basketball infractions include Arkansas State University, Texas Christian, Wichita State, Cal State Polytechnic, Saint Louis University and the University of California at Los Angeles. California at Santa Barbara, New Mexico, South Florida. Most of these schools are under probation for improper recruiting or extra benefits given to their athletes.

Most of the infractions that lead to a school being placed on NCAA probation are turned in to the NCAA for investigation by disgruntled athletes or parents who believe their son was treated unfairly. The investigations do not always turn up cases of wrongdoing, but the NCAA puts a lot of time and effort into each investigation to make sure all the facts are researched.

Whether or not the fear of probation is a deterrent to cheating is a con-

troverial subject. Schools obviously lose out when they are prohibited from the revenue that comes from televised appearances and bowl games and the public embarrassment from being caught cheating.

The NCAA is reportedly expanding its enforcement department staff this year to help investigate abuses in sports. Some of the new private investigators they have hired have even had job experience with a much bigger investigative agency—the FBI.

The Science Corner

by Jeff Guzzetti and Woody Kennedy

Space Shuttle Update

STS-5

STS-5 patch commemorates start of operational Shuttle flights this month.

Launch Window:
Tomorrow morning!
7:19am - 7:58am

Mission Duration:
5 days, 2 hours, 9 minutes

Payload:
1) SBT-C Satellite Business System
2) Telesat-E
cost: \$30 million apiece

► First operational mission: 2 satellite launches
► First space flight carrying four people
► First commercial flight of shuttle

Good luck, Columbia!

FAA (continued from page 1)

than those used at Embury-Riddle. "I worked with faculty members from Purdue University as well as from Texas State. I, as Chief Flight Instructor learned about some newer, innovative techniques used in basic training." When

questioned as to whether or not E-RAU is still the forerunner in the aviation education field, McDuiffe replied that although he learned about newer methods, we are still the most advanced aviation educator in the field.

ENGINEERING (continued from page 1)

going to go back two years and require students to retake classes. We are starting where we are at present." He went on to say, that with the approval of Dean Lipold, all students that are involved in these five basic courses are sub-

ject to new policy. Dr. Curtis concluded by stating that the students will benefit from the Pre-Engineering program. He felt a constant effort on the students part would allow for total success.

Jerry Clem's Sunshine Motors

FIAT

JAGUAR

1982 Jaguar XJ6
1980 Jaguar XJ6
1973 Jaguar XKE
1972 Jaguar XJ6
1980 TR-7 Convertible
1977 TR-7 Cpe
1974 TR-6 Mint
1982 Fiat Spyder "Demo"

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1978 Fiat X-19
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1977 MGB
1971 MGB
1979 MG Midget
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- A/C & heater
- 40 gallons hot water heater
- Smoke detector
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GROUND FLOOR PLAN SECOND FLOOR PLAN

Critic's eye Michael Palin; the missionary sins

By Max Corneau

This week the Critic's Eye travels to the Volusia Mall C/A Cinemas to take a look at a newly released film starring Michael Palin.

Palin, of Monty Python fame, plays the lead role of Charles Fortisqure, a young man who is sent to Africa to head a mission.

Having spent ten years in the African mission service, Palin returns home to his fiancée. The young lady whom he is to marry is

about as exciting as a filing cabinet. Throughout his absence the lady filed each of his approximately 700 letters according to specific categories. Needless to say that the young priest is disenchanted with his future wife.

Since his job in Africa was so boring, Palin decided to turn it into a mission. He is first reluctant to take on such a position Fortisqure took the responsibility. The need for a benefactor prompts the missionary to seek the funding of the wealthiest people in

England. Of course the wife is a nymphomaniacal woman who does not contribute to the mission unless Fortisqure does her certain favors. The young missionary finds that he has a good deal of sexual prowess after his encounter with the lady. This problem later leads to his being sent to Africa.

The mission itself is a farce and things are far from ideal. During her visit she finds that Palin is keeping his wayward woman happy by the same means he used up her. Of course she immediately withdraws funds and the women must take to the streets for their home.

Unfortunately, the Church of England does not condone the missionary's method of keeping the people free of sin. Again Fortisqure must save his mission, the ladies

help and all is well as far as the mission goes.

What happened to the future Mrs. Fortisqure? The film ties it all up very well. There is a twist involving the former benefactor and her true identity. Apparently Fortisqure prompted a radical change in her desires. When she is "discovered" she is very entertaining, as is the entire movie.

Written and directed by Michael Palin, produced by Neville Brownson and Paineable Missionary hints of the kind of outrageous humor that is characteristic of the Pythones of old.

The Missionary is a funny film, filled with the zany antics associated with humorous sexual situations. If one is looking for a love story, however don't attend a showing of The Missionary.



Seen here is Jan the Mystic Master of the Gafflings from Jim Henson's movie "The Dark Crystal," soon to be released.

Steppen out..

By Tony Pinto

Room and Grill. Situated on the corner of Orlando and Santa Fe in Ormond Beach, a visit to Billy's is as traditional as the seating itself.

Within Daytona and the surrounding communities there are a host of commercial and traditional drinking and eating establishments. Billy's Tap Room and Grill is a true representation of the latter.

This Irish pub dates back some 60 years and is testament to the lost family proprietorship. Billy MacDonald came to Ormond Beach from New York and brought with him a traditional atmosphere that remains unchanged to this day.

Before coming to the south, Mr. MacDonald worked for several years at the Biltmore and Plaza Hotels in New York. He brought with him a concept of providing quality, personalized service that is usually cast aside for the face of commercialism. And speaking with the bartender - Billy's grandson - it's a family decision to keep the pub's traditional appointment.

When you first walk in you'll notice the hardwood bar and television for sports viewing. The early American setting goes with hardwood floors and contributes to the overall atmosphere. Tiffany lamps and ceiling fans do well with this also and accent several cozy booths off to the side.

Billy's Tap Room and Grill will serve only Miller on tap and attributes this to the preference of a solid following. One will find patrons at Billy's who are faithful to believing they deserve a good time when they go out and can get it at Billy's.

Along with a well rounded drink format, Billy's carries a splendidly chosen menu that allows the meats to be cut as you order them. An extra cut is made at modest cost and can satisfy any hunger. One will favor the entrees as they come with a full complement of condiments. Specials change daily and "all" dishes are prepared in-house. Saturday night is always prime rib while other evenings will find specialties like duck, veal and lamb.

Over the years, I have looked for new and unusual places to spend my evening hours in or new places to take visiting friends to. Although not new to the Daytona area, Billy's Tap Room and Grill is to me, and one visit has made this establishment one of my favorites.

Chances are a visit from you will net the same result. Until next week

Attention: Seniors & Faculty

*ALL SENIORS AND FACULTY MEMBERS should come up to the PHOENIX office and sign up for tentative makeup dates for the 1983 PHOENIX Yearbook pictures. These dates are for those who either missed the photographer who was here previously or for those students who weren't satisfied with their previous pictures.

*1982 PHOENIX Yearbooks are now available to all students who have been in attendance since the FALL TERM OF 1981. They are free with a valid EMBRY-RIDDLE I.D. Faculty and Freshman can purchase a 1982 PHOENIX at a cost of \$10.00 per book. If you have any questions contact the PHOENIX office at Ext.1062.

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Missing Persons cancelled

As most of you well know, the Missing Persons concert scheduled for Saturday, November 6th, has been cancelled. The reason being, that Dale Bozzio, the lead singer of the band, was hospitalized after collapsing on stage during an ap-

pearance in Tampa, Florida. Sources say that she is suffering from fatigue and traces of pneumonia. This cancels their entire tour of the Florida area. As far as Embury-Riddle goes, negotiations are under way and a tentative date in January has been set. New tickets will be given out at the proper time.

A reminder, Spyro Gyra will be here in concert backed up by Ocean Sound this Saturday, November 13th. It should be an excellent show and a lot of fun. It's free of charge and for your enjoyment from your Entertainment Division of the S.G.A.

Diner's Choice Broadway meals

By Julie R. Rankin
Arthur Eyzaguirre, Jr.

This week, Diner's Choice ventured to the corner of A1A and Broadway, to a subdued little place

called Broadway Street Station. It is another example of the hidden delights which Daytona has to offer if properly sought.

Broadway Street Station gives one a first impression of elegance but as one later finds, it lacks the price which would usually accompany it. The spacious, airy room is done in shades of brown, slightly reminiscent of Klaus, and is particularly pleasing to the eye. Fresh flowers and proper place settings on the tables add just the right touch.

During the off season (currently to the end of January) the station is running some great specials. For example, some of the items for last week were: live Maine lobster for \$6.50 (Monday and Friday) and prime rib for \$5.95 (Wednesday night). The most expensive special is \$6.50, and all specials are complemented by a 50 item soup and salad bar, bread and your choice of rice, baked potato, or stuffed potato. A current list of specials can be obtained each Saturday in the go-go section of the News Journal.

All dinners on the regular menu also includes the salad bar, bread and choice of rice or potato. The prices on the regular menu are a bit higher than the specials, but may still be considered moderate. All in all, you get plenty to eat for the price you pay.

In addition to dinner, the Station offers fine breakfast and lunch menus; these too are also reasonably priced. Another thing to take into consideration is their selection of wine.

Overall, the evening was very pleasant, the service was very formal the food was delectable and the wait was barely pinched. One suggestion we have for you is that you try the stuffed potato with your meal. It consists of a potato blended with sour cream and chives browned to a golden perfection.

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WED.-MENS' BUNS CONTEST-Best Buns wins \$25.00 CASH plus other prizes.

THUR.-STUDENT and FACULTY NIGHT-same as Sunday Night

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Special report

Athletic grades don't stand up

BATON ROUGE, LA (CPH)—Most Louisiana State University teachers, it seems, have a favorite horror story about athletes in their classes.

A business school professor recalls one LSU student with ACT scores of four and five, with zeros on some sections of the test. "I believe it," she says. "You could score more than a zero if you guessed on every question."

Then there was the athlete who six professors refused even to admit into English class. "I saw a paper he'd written," says one professor, "and, honestly, it read like a third grader. I didn't even want to go through the motions and give him an F."

The stories came to light as an LSU task force labored to deliver something schools all over the country are wrestling with this fall: a way to insure that college athletes get a college education.

The sports reform movement has hit a peak of activity this fall as the NCAA (National Collegiate Athletic Association), the American Council on Education (ACE), a coaches' association and an impressive number of individual schools like LSU are fielding task forces and thick reform packages aimed at ending the grade scandals and poor graduation rates of the athletes.

Over the last three years New Mexico, Southern Cal, Wichita State, Illinois, and many other large schools have been investigating for allegedly playing athletes who couldn't meet minimum grade or credit requirements.

Scores of smaller community and junior colleges have been similarly named in offenses ranging from falsifying transcripts of athletes transferring to bigger colleges to simply ignoring the academic performances of the athletes still on their campuses.

"Bizarre cases" of breaking the rules governing athletes' eligibility, "fat cat money under the table" and concern for schools' reputations have motivated the current reform attempts, says NCAA executive liaison Stephen Morgan.

The task, he says, is nothing less than "restoring the integrity of athletics on the campus."

"I'm glad to see they are finally coming to their senses," says Allan Sack, a sports sociologist at the University of New Haven and a director of the Center for Athletics Rights and Education.

But Sack advises not to discount money as the motivator.

He says recent court decisions awarding an injured athlete

workman's compensation benefits just like other campus employees has raised the legal possibility of athletes forming their own union.

"You damn well better believe that's why college presidents are involved," in the reform movement, he asserts.

The presidents are involved in the ACE's "Study of the Problem of the Athlete," which is trying to get its list of recommendations on this agenda for the NCAA convention next January.

The NCAA's own task force probably won't have its proposal ready until the 1984 convention, and the reforms might not take effect until "1985 or 1986," predicts the NCAA's Tom Yeager.

Morgan says the ACE and NCAA are working in "limited cooperation" with each other.

The Basketball Coaches Association also hopes to present proposals this January.

Currently the NCAA requires athletes to have a 2.0 GPA and "make satisfactory academic progress" each semester.

The ACE, for example, wants to keep the 2.0 GPA and make

players take at least 11 courses. Seven would be in English, math, social science, natural science and physical science. The student would also need a 700 on his or her SAT's. The 24 credit hours the NCAA requires would have to lead directly to a B.A. under the ACE proposals.

Louisiana State's reform proposal, released in September, "contemplates" a "minimum" of 11 courses, "not a goal" to longer. Robert Brodhead says LSU had toyed with the idea of raising minimum entrance exam scores. It decided not to raise the ACT minimum to 15 because "you'd lose half the football players in the country if you tried to do that."

LSU won't go it alone because "it would just create unequal competition for LSU," adds assistant Vice Chancellor Hue Perkins.

Perkins stresses that "if (reforms are) not resolved nationally, changes at LSU won't have much meaning."

There are formidable obstacles to a national resolution, however.

Sack, wants to fund the grants with a "trust fund" established from TV revenues, but now NCAA TV revenues are in doubt.

Its control over TV contracts is endangered by a lawsuit by the universities of Georgia and Oklahoma, which want the right to negotiate their own TV deals.

If the schools win, the NCAA would be robbed of its most effective tool to make schools obey academic eligibility rules: the threat to cut schools off from television revenues.

But ACE Vice President Bob Atwell says "the NCAA still runs the championships, and they can set the rules" for qualifying for them.

Television, he says, "is not the NCAA's only handle on the institutions."

Some observers figure the schools most likely to benefit from their own TV contracts—sports giants like Notre Dame, USC, Alabama, Penn State, etc.—

Sports Editorial

Some notes to headliners

By David Frost
Sports Editor

It seems some very notable things have been occurring on the sports scene this past week. I thought I would write some notes to a few of the headliners.

Dear Bowie Kuhn:
I guess you'll be looking for a new job next August. Do you think you got some owners upset over the 13 years you have been baseball commissioner? When Atlanta Braves owner Ted Turner said "I finally got him," was he referring to the time you suspended him a year from baseball for talking to Jerry Mathews while he was under contract to the Giants? I think George Steinbrenner was in a good mood following the veto also. Didn't you suspend him for a year from baseball also? Bowie, you sure left a lot of bad tastes in owner's mouths. Maybe Willie Mays can return to coaching with the Mets. I believe you barred him from coaching because he was doing promotions for an Atlantic City gambling hotel while you didn't ever do anything to the Pirates owner, Mr. Gullerini, who owned many race horses. Aren't gambling affiliations the same any way you spell it? It really is too bad Charlie Finley isn't still in baseball to savor this. You sure blocked enough of his trades over the years. You know what Bowie? Now that I look at it, I'm not sorry you lost your job. There seems to be more negatives than positives. Good luck because it's a long way down from the top.

Dear Sugar Ray Leonard:
I heard you might be hanging up the boxing gloves soon. Max Baer sure wants to box you real bad. Is it true someone was willing to give you \$11 million to fight Marvellous Marvin? I sure would think a little eye irritation would be worth all that loot. I read in the paper that the eye doctor has cleared you for the action. A lot of athletes have had detached retinas and have come back to their sports just as good as ever, boxers included along with football players. Ray, you don't want people to think you've gotten soft. Boxing means you. It just hasn't been the same since you've taken your hiatus. I have not seen a good seven-up commercial in a long time. Come on Sugar Ray, make the comeback that a million athletes wish they had. If you don't, you'll probably regret it in years to come.

Dear Charley Pell:
I'm really not sorry to see the Gators humiliate themselves on national television last Saturday. Your team looked pretty pathetic. Was that the variety or j-v? Maybe I'm just sore because your public relations department didn't give me a press pass for the West Texas game last month. Now that I think about it, I am still sore. The way some people get stuck up when they're on top just makes a person sick. It's also amazing the difference a month makes. We'll see you on the way down Charley. Don't forget you still have the Seminole massacre around the corner. You better start circling the wagons.

The current team standings are:	
High Times	23-6
Brothers of the Wind	23-9
Nuts & Bolts	17-15
Guys & Dolls	15-17
Hellicats	14-16
Sex Pins	12-20
Bad Eggs	11-21
Bandits	9 1/2-22 1/2
Hollywood	9-23
Challengers	7 1/2-24 1/2

Sports shorts

LAST WEEK'S FLAG FOOTBALL PLAYOFF RESULTS
G.W.N. 6 Pine Lake Patrol 6
Cast Raters 42 Giants 0
B.W.'s 27 Magic 6
Chill Phil Chill 30 3rd West 0
Vets Club 31 Pink Panthers 6
Super Studs 18 Wolverines 13
Blue Demons 6 Force 7
Organized Crime 39 Lambda Chi 0

NEXT WEEK'S PLAYOFF SCHEDULE
FIELD E
11:00 Super Studs vs. Chill Phil
Chill
12:00 Organized Crime vs. Pine Lake or G.W.N.
1:00 Air Force 1 vs. Cast Raters
2:00 Night Tech vs. Blade Runners

FIELD F
11:00 Sigma Chi vs. B.W.'s
12:00 Flying Club vs. Blue Demons
1:00 Bandits vs. Brothers of the Wind
2:00 Iron Fist vs. Vets Club

FIELD X
11:30 Pine Lake vs. G.W.N. (15 min. sudden death)
12:15 Winners of 11:00 games
1:15 Winners of 12:00 games
2:15 Winners of 1:00 games
3:15 Winners of 2:00 games

RACQUETBALL The three wall racquetball tournament was won by Jorge Guzman from Bolivia. He is a junior in Aeronautical Studies and he defeated Francisco Lopez 21-11, 21-18 to earn the first place trophy.
CRICKET FANS An exciting new game is coming to school. The name of the game is Cricket. To get this new sport started at school we need students to help. There is a possibility that E-RAL will help supply the equipment if there is enough support. There will be no financial obligation. All interested parties are invited to play or learn. For more information please contact Newton Adams at box 6979 or Rohan Perich at box 8254.

BOWLING
The individual high games for the week of November, 1982 are:

MENS HIGH SERIES	
Jim Durham	253
Terry Holbert	234
Joe Golinke	226
Carl Rushing	220
Ken Clark	211
Gary Ewing	205
Jim Waggoner	203
Terry Holbert	200
MENS HIGH SERIES	
Terry Holbert	617
Joe Golinke	610
Ken Clark	601

WOMENS HIGH SERIES
Mamie Rogers 185
Maxine Smith 181
Suzanne McKenney 165

WOMENS HIGH SERIES
Mamie Rogers 483
Linda Bloom 448
Suzanne McKenney 436

The individual high games for the week of 25 October, 1982 are:
WOMENS HIGH SERIES
Suzanne McKenney 179
Barbara Varner 177
Lisa Henderson 168

WOMENS HIGH SERIES
Alice Owens 493
Mamie Rogers 472
Julie Rankin 467

MENS HIGH SERIES	
Steve Myers	214
Todd Perzanoski	212
Demus Haggerty	210
Dave Kendall	209
Len Wilkins	201
Terry Holbert	200
MENS HIGH SERIES	
Bob Junge	552
Gary Ewing	546
Dave Kendall	544

Steve Myers 214
Todd Perzanoski 212
Demus Haggerty 210
Dave Kendall 209
Len Wilkins 201
Terry Holbert 200
Bob Junge 552
Gary Ewing 546
Dave Kendall 544



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Sigma Chi attend derby day in Tampa

By John Clough

It is always a special time when a chapter of Sigma Chi has an opportunity to interact with another chapter. Such was the case this past weekend when the Sigs, here at Eta Iota, had an opportunity to visit the Sigma Chi's in Tampa.

The occasion was the annual Derby Day at the University Center that included all the larger sororities in the area. It was a weekend that will not be soon forgotten. The memories that resulted are numerous and so are the new friends that were made. Perhaps the most memorable aspect of this past

weekend was the interaction with other men who had experienced the same insights during pledgship.

It was inspiring to see other brothers living their lives by the same standards and ideals that we do. We all are thankful to everyone at Theta Beta who made

last week's article was a hearty congratulations to Brother Tom Costello. He personally coordinated and carried out last week's record breaking blood drive. Great job Tom, we all appreciated your

effort!

Looking at our pledges we find that the men are busy working on their house project. Their task is to repaint the house. It's a big task and each brother is most anxious to see this effort carried through. Also, good luck with this weekend's CA party. Again the

week. Each little sister adopts a brother who does not have his own little sister. By the way guys don't forget only 1 1/2 weeks to go in your pledgship. Keep up your efforts, the eyes of Eta Iota are on you.

The big news this week deals with Jazzfest on Saturday. The pledges have arranged to have the Sun Solutions girls sponsor them during Saturday's events. There will be two events; a KISSING BOOTH and a BATHING SUIT AND WINTER FASHION SHOW. The kissing booth will

fashion modeling show will feature each Sun Solution girl in the latest in swimwear and winter attire. Immediately following, each Sun Solution girl will be auctioned off to the highest bidder as a SLAVE FOR A DAY. She will be his or her slave for the entire day of Jazzfest activities, so get all your cash and

the band starts. Mark these events on your list, they shouldn't be missed.

In addition, T-shirts, beach mats and personally autographed posters will be available for purchasing.

This week should prove to be busy for all of us. Lets make the best of it and continue a tradition of happiness and en-

Glider contest announced for December 3, in University Center

The second annual Glider Contest will be held Friday, December 3, at 4:30 pm in the University Center.

There will be a balsa and paper category. The gliders will be thrown from the UC balcony and

judged on the basis of distance and accuracy (flight in straight line).

The winner in each category will receive a trophy. These prizes will be displayed in the library before the contest.

Registration will take place in

the University Center the week of November: 22-26, all day and before the contest.

Registration fee is \$2.50 for the balsa class, and \$1.50 for the paper class.

For more information contact Jeff Cohen ERAU Box 3567.

Arnold Air Society pairs with the Reserve Officer Association to sell beer at jazzfest

By Ronald Smith, 1LT

Rumble, rumble, grrrr, owl, the many sounds of a stomach begging to be fed. This was the case of a few Arnies participating in last week's 18 hour fast. However, the outcome of the event was very good with all members having had a hearty

breakfast and lunch prior to the commencement of the event. Next on the agenda is the Jazzfest in which AAS, Angel Flight and the ROA are participating jointly in the sale of BEER and SODA. Weather permitting, this should be an enjoyable occasion for all.

In the first of a mini series of interviews with mem... of the AAS

Area H staff, I talked to AAS Col. Joseph Lewis, Area Commander, about the scope of his duties. Joe is a senior here at ERAU whose degree program is C.S.W.A.A. His main duties as Area H Commander are to oversee and manage the operation of Area H headquarters, to provide direction to the society at area level, and to represent the area at the national level as a member of the AAS Executive Board of Directors. Joseph is advised by Lt. Col. Ralph E. Colan to help ensure the smooth operation of the staff and its functions.

Ten Arnold Air Society squadrons fall under Joe's jurisdiction, ranging as far north as Southern Alabama and Georgia to the Caribbean island of Puerto Rico! Joseph sees his job as a challenging one, aiding in his preparation for an Air Force career by building on his communicative and managerial skills. This is made evident upon a review of the organizational activities and functions.

A reminder to all Gill Robb Wilson members to prepare themselves for the softball game against the Drill Team scheduled for this Friday afternoon. Until tonight's meeting at 1830, Aloha!

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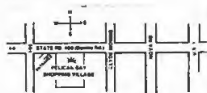
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Haunted house proves to be a success

By Tammy Watson

Well, brothers and pledges, we've had two very exciting weeks go by. Last Thursday all participated in the Blood Drive with outstanding enthusiasm, the local Red Cross should be grateful for all that royal blood donated. A part of themselves to be drained.

went. The Interfraternity Haunted House for United Way was a howling success. Dedicated brothers and pledges showed up Friday thru Sunday to scare kiddies and adults until well into the evening. John Walter ran lights and sound and gave Tammy and Peatty their

Fasano proved to be so wrapped up in his work that by Sunday he was speechless. That doesn't mean that our Prosecutor, Donnie Bailey or our Defendant Carl Hunt were, though. Both put up convincing arguments throughout the weekend and it was decided that

ed? I'm sure that Jeff Picard will remember that wonderful feeling of Kara Syrup between his toes for a long time to come. Special thanks goes to Beth "Nurse Pain" Ryan who showed us her special "healing" skills. And of course, an extra bow goes to Mitch Williams

fraternal relations which hopefully will continue.

This past week also saw the pledges' Community project which the SGA's Clubs and Organizations fund sponsored. The pledges picked up 52 underprivileged children and first took them to the

pictures taken in a plane. A good time was had by all and the Community Project was a success. CONGRATULATIONS Pledges!

Finally, last Sunday was the Brother/Pledge football game, the first of many to come. Way to go brothers on a victory that will be remembered for years to come. Remember, Brothers, Brothers can do anything!!!

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DOMINO'S PIZZA

Insurance offered at registration line

Beginning with advanced registration for the Spring 1983 trimester, students will be able to bill to their university accounts the insurance premium for "The Students Accident and Sickness Insurance Plan" as they go through the registration line. The premium

fee is payable at the same stated deadline for tuition and fees for the trimester insured for. The reason for allowing students to bill their accounts is to enable students who do not have the money for the premium immediately available, to

be able to take advantage of the group rate and defer payment to a later date.

The plan is offered by the insurance agency of Brown and Brown, Incorporated of Daytona Beach and is underwritten by Massachusetts Indemnity and Life Insurance Company. The fee for the coverage is \$36.00 per trimester for an individual student with options for coverage of spouse and/or children. Students who choose to be covered under the policy are covered for one trimester at a time with the option

to renew their coverage each trimester.

It is highly recommended that students maintain insurance coverage to preclude the financial and emotional strain, and the resultant disruption to their academic endeavors that may result from unexpected medical bills.

Brochures outlining the coverage and terms of the policy are available at the University Health Center for those who desire more information about this insurance plan.

Delta Chi pledges undergo question-answer period

By Kevin G. Mess

After the rather active Halloween weekend, we all had to sit back and relax a little. The Haunted House was a success, and we'd like to thank our fellow Greeks for their assistance which made the Interfraternity Haunted House the success that it was. Proceeds were donated to the United Way of Volusia County.

This past weekend was rather quiet in comparison. It took some time to get the House back to its original appearance, and Friday we settled back to enjoy ourselves a bit. Although a Bob Newhart Happy Hour had been planned for that night, a few technical problems cropped up that prevented Bob from joining us. But not to destroy the atmosphere, Brothers gathered to relax around the

fireplace in the company of good friends and cold drinks. It was good to relax, wasn't it Bruce?

Tonight, pledges will undergo their second "Question and Answer Period." We have been working hard for tonight, and have been planning ahead for Brother's Night as well as our fund-raising project for our gift to the Brothers. We'd like to thank our Big Brothers and our Pledge Counselors for their time and effort that they've given us.

Speaking of Brother's Night, that event is coming up the 19th. It should be quite interesting, especially since we don't even know what to expect. So be prepared—it will be different!

See you all tonight, everyone. And remember you're special —you're Delta Chi's!

People Express airlines to address Management club

On Friday night, November 19, James F. Barrall, General Manager of Flight Operations for People Express Airline, will speak to the Management Club at its third dinner meeting of the fall.

Mr. Barrall graduated from the United States Air Force Academy in 1970 with his B.S. in Computer Science. He also earned his M.A. in Counseling/Psychology from Ball State University in 1974. He has had extensive experience with

the military flying RF-4C Phantoms for the Air Force. He was with Texas International Airlines in Houston until 1980, then moved to Newark to join in the start-up of People Express. He originally was the Chief Pilot for their 737's, and is now the General Manager of Flight Operations.

The meeting will be held at the Treasure Island Inn at 7:00 pm on Friday, November 19. Dinner prices are \$7.00 for Management Club members and \$8.25 for non-members. Checks payable to "The Management Club" should be sent to Mike Wadner at ERAU Box 7424. With such an outstanding speaker, from one of The United States' largest growing airlines, it should prove to be a most informative, interesting, and exciting evening.

The second in our series of investment seminars is scheduled for Tuesday, November 16 at 7:00 pm in Room A-202. Mr. Peter LaRosa will speak about stocks and bonds. This will be a continuation of his previous talk regarding investments. The cost will be \$1.00 to non-members payable at the door. It is free to Management Club members.

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DOMINO'S PIZZA

AAAE to tour Orlando airport

By John Tuttle

There will be a meeting for all members of the ERAU chapter of American Association of Airport Executives on Wednesday November 10th, 1982. All interested persons are invited to attend. The guest speaker for the day will be Mr. Doug Wolfe, Administrator of the Daytona Beach Regional Airport.

In addition to our guest speaker, the Agenda for the day will include:

Finalizing arrangements for the upcoming Orlando International Airport tour (Re-scheduled for November 23rd, 1982 from 0900 to 1300). Prospective members are welcomed on the tour. It would be preferred that no jeans, sneakers, or t-shirts be worn. Reservations for the tour will be accepted at the Information Counter at the Entrance of the UC between the

hours of 1300 and 1700.

Preparations for the December dinner lecture will also be held at this time. The guest lecturer for his occasion will be Mr. Jack Silboly, Deputy Director of the Orlando International Airport, and Mr. Bob Rocknacker, President of the North East Chapter of the American Association of Airports Executive.

Members are urged to attend this meeting, and prospective members are welcomed.

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notices

Flying during Christmas

ATTENTION! All students desiring to continue flight training during holidays. Please call Lou McDonough on ext. 1318. We are trying to keep flight operations open during Christmas.

Simulator flight openings

There will be a number of openings for students in the Simulator Program starting in November. Students wanting to fly in January may take the simulator course ahead of time in November and December and be ready to fly flight courses immediately in January. If interested, contact John Hopper in the Gill Robb Wilson Building.

A-7 to visit campus

A Navy A-7 Corsair will be on campus Thursday, November 11, from 12:00 noon until 9:00 pm. It will be received at the Embury-Riddle ramp, taxied through the parking lot gate and put on display. This display is sponsored by the Daytona Beach Area Blue and Gold, a program to disseminate information about the United States Naval Academy. They will sponsor a program at Daytona Beach Community College at 6:30 pm in the Science Building. The program will include interesting films and speakers, and answer questions about the Naval Academy. All interested students, faculty and staff are welcome to attend. For more information about the Blue and Gold Program, contact Dr. Schwenker, 252-4701.

LRC holiday hours

The Learning Resources Center will be closed Thursday, November 25 and Friday, November 26 for Thanksgiving break. The LRC will be open as usual on Saturday, Nov. 27, (9:00 am - 6:00 pm) and Sunday Nov. 28 (1:00 pm - 10:00 pm).

Free tutoring available

Free tutoring service is available for Engineering and ACET students. This service is being provided by members of Sigma Gamma Tau, the national aerospace honor society. Tutors are in the shaker lab of the Engineering Building most of the day. The tutors and honors available are posted on the bulletin board located in the entrance of the Engineering Building. Come by for help, you can't lose a thing.

Read and Heed

Following are the additions or revision to the E-RAU flight operation manual, the Semivole manual and the flight information file. 1 Oct 82
E-RAU Operation manual 10
Semivole manual 131
Latest FIF file 131
Operations manual changes are available in the flight planning room.

New radar code gives better service

Starting Jan. 1, 1983, The National Weather Service plans to begin transmitting its new all-digital radar code replacing its current 20-year-old azimuth and range (AZRAN) code.

The National Weather Service is implementing the new code to provide a more accurate and easier to use weather radar for meteorologists. The digital radar code is based on a grid system identified by two letters. The first letter identifies the row, the second the column. The two letters identify a grid box and are followed by numbers indicating the intensities

of the storm in that grid box.

Although the digital code will provide better accuracy and a faster coding time for the Weather Service, it is drawing strong opposition from the Federal Aviation Administration, the National Transportation Safety Board, the Federal Bureau of Investigation and several major airlines. The opposition of the digital code claim it will overestimate the storm coverage, reduce the quality of information and will not provide accurate storm cell location.

One of the proponents of the new radar code is Dow Boykin, Meteorologist In-Charge, of the

Daytona Beach National Weather Service Office. Commenting on the new code Boykin stated, "The digital code is far superior. I have been very disgusted that we have been lobbied by the aviation industry to stay with an antiquated [obsolete] system, when I know there's something better out there and it's a matter of getting out to it."

When asked why the FAA, NTSB, and other aviation organizations oppose the digital code, Boykin replied, "I don't know why the FAA is taking this position. I have my personal speculations about why this is the case. I think it is simply because the FAA does not fully understand what we are doing. I wouldn't be surprised. The Airline Pilots Association is a very powerful organization. They're very closely affiliated with the FAA. I would speculate that if they're against something, the FAA figures there must be some fire to go with that kind of smoke. I really question whether the FAA fully understands the advantages of this code if they're against it."

Responding to the accusations that the new system would be less accurate, and not effective past 125 nautical miles, Boykin stressed, "The AZRAN code has an advantage that you can take any map and find out where the weather station is and plot the AZRAN code."

in so many degrees, in many miles. But the data contained in the AZRAN code is gross [exaggerated]. You might have an area that is 100 miles wide and 200 miles long and say you have two-tenths [under] slower activity in there, well where in that large area is the [under] slower activity? You don't know!"

Boykin continued, "It [AZRAN] doesn't give you anything in any great detail about the development of the system, we can do that. But it would take forever and a day to go on to that type of detail with the AZRAN code. But with the digital code, you will be able to spot these areas far more accurately than you do today." Continuing on the range accuracy of the radar, Boykin remarked, "The radar equation does not work unless the beam is completely filled. That gives you intensities. So when you get beyond 125 n.m. the basic accuracy of the radar suffers tremendously."

Boykin then concluded, "This [AZRAN Code] keeps us in the same motor operation that we were in, in the 1960's. Now we're moving ahead and we want to computerize and this is the forerunner to computerization so the observations can be taken more often and be more accurate. This is the best code that I know of, I have never been happy with the AZRAN Code."

Sexual relationships student/faculty are increasing drastically

Campus Digest News Service

Colleges across the country are providing students with a little extra along with their education—sex.

Although sex was never intended to be part of the college learning experience that's what a growing percentage of men and women are getting after class or in the instructor's office.

As society relaxes its moral standards about sex, and as the number of women and older students returning to college has increased, sexual relationships between the student body and the faculty have become more and more common.

Some estimates show 10 to 20 percent of faculty members of various colleges date or have dated their students. One poll of students revealed 25 percent of female students who graduated after 1971 had had sex with their professors.

A survey at some Colorado colleges of 111 men and women who had student-faculty affairs in 1980 indicated that most (84 percent) were between male professors and female students.

The average number of affairs for male professors was three compared to one for female professors.

The average grade point of more than 50 students who had been involved with an instructor was an A minus.

This increased sexual activity on

campus is giving rise to concern, to put it mildly. Student-teacher relationships have always been considered taboo and often promote suspicion and disapproval from both colleagues and students.

Because the student-teacher relationship is comparable to that of a client-professional, some speak out against these sexual relations as a break-down in professional standards. According to many critics, a certain amount of distance must be maintained to allow the educational process to succeed.

A professor sexually involved with a student can sometimes find more on his hands than raised eyebrows. Frequently, instructors report that bedroom play is used as blackmail for better grades.

The tables can be turned around, too. Students often suffer sexual harassment from professors. However, a college or university can usually help out in situations like that. Many institutions have established investigative procedures to handle sexual harassment complaints.

College officials may be able to stop unwilling affairs, but they have little power to put an end to relationships between two consenting adults, especially if the two are capable of handling the accompanying difficulties caused by the liaison.

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TUTORING - Offering help in computers, Basic, Cobol, Fortran. For more information, call (afternoon or evening) 761-8951 or drop a note Box 7613.

WANTED: Dorn 1 Contract for Spring '83. Contact Jeff Bagley, ERAU Box 6996. Phone 258-5633.

lost and found

LOST: Gold necklace with the initial "J". Great sentimental value. PLEASE call 352-4390 or Box 6316.

REWARD: Sanyo slim box stereo was stolen. Contact with police station on a return of these items. NO questions asked. Contact Joe Box 4206.

FOUND: Calculator in C building on 10-14-82. Identify. Call Scott 255-1654 or drop a note in Box 7893.

LOST: Left in Seminole 55, a yellow wool sweater. I would appreciate who ever found it to please return it to me. Thank! Contact Rick at 255-8481 or leave a note in Box 7-211.

LOST: A calculator 241.2.3. Textbook. Brown and beige. This book is very valuable to me as the math department is now using a later edition, so the bookstore no longer stocks this text. Please drop it off at the lost & found or to my Box 5312. I would appreciate it a great deal!!

LOST: Wallet in men's room Thursday Sept. 28 at 12:30 pm. If you know where it is, or can be returned, please do so. No questions asked. Please return to my Box 5312 or my car outside of room. Your note is appreciated. Desperately needed Back!!

LOST: Motorcycle cover, gray canvas lot in the ERAU parking lot. Worth \$30. Reward if found. Contact Jamie Box 1286 or 255-7895.

NEW ENGLAND: Looking for a ride to New England area, specifically 3.1.1. I will split costs and driving. Willing to leave anytime after exams. Please contact Dave Box C-107 on Over 11, room 149.

PHILLY: looking for a ride to Phil. or nearby city as Christmas. I am willing to split costs and driving. Will leave anytime after exams. Contact Dave Box C-107 or Over 11, room 149. Please let me know as soon as possible.

personals

Sandy: I really love you. I really want to keep seeing you! LOVE YA ALWAYS, CAROL

STRETCH: You really stunk at playing Basketball! BOB B.

To the long of my life: HAPPY 14th! Everthought you're a 1000 miles away, in my heart and in my mind you are with me everyday. Knowing that you are there keeps me going. I'll be home soon, so tell Doc and the rest of the gang to behave. Any Smartflings? Yes! I love you and miss you so much. YOUR SPORTS FAN

NED & SECOND SOUTHE: Thank you for making every day in Daytona another "first"!! You and the Cubans are the greatest. I'll miss you all. "Specialty" those ones. LOVE TRICIA

CAROL (MLP): Only 23 more days Babe, I love you so much. LOVE ALWAYS, YLP

SPEEDY: Why don't you drive your submarine to Royal Road so we can reminiscence the times with Linda Al. BLDG 1 ROOM 109

DAVE: When potential energy equals gravity a body is at rest. When it falls it falls with a force. May the force be with us. TONY

GOOSE PIMPLE: I NEVER THOUGHT THE QUESTIONS: WOULD DISAPPEAR, AND A NEW BEGINNING WOULD APPEAR! THANK YOU FOR BEING SO LOVING! YOUR BIG — WOMAN!!

DANIEL HECTOR: What's wrong, buddy? Did you land on the wrong runway at Broomfield International Airport? YOURS OHIO BUZZARD

AMBER: I never change, you're pretty special to me. You've brightened up this hum-drum day of existence. You're the greatest and I never want to lose ya. David's dream's great, but it's time to love in your memory, but look ahead. FOREVER AND EVEN LONGER

CHRIS: I really love you when you come to my classes. It really brightens up my day. How about meeting me at Happy Hour some Friday for a beer or SIX. How about it, huh? Please reply this column. AN ADMIRER

DANNY T, are you afraid to go to the Casino because Brownie will be there? SANDY, I love you very much and hope you have a good day on your birthday. Sorry I can't be with you. Thanks for being so special to Devon and me. LOVE, TED

C: Thanks for a long overdue evening. How about ending some bedtime stories to me next week? T

TO SIGMA SIGMA: Thanks for a wild week, it was great. With I could have stayed longer. Oh well... Take care. Be back as soon as possible. LATER, POOH

SAM: The light was black. After looking everywhere, I knew the truth: It was gone. Hey, even the best detectives sometimes fail. You're on your own. Good luck, Kid. What the heck. Ha Ha Ha. A. J.

STRETCHER: HOW'S KID MAG COMING ALONG! YOUR PLANTATION FRIENDS.

MRS. AND MRS. E: Thanks for the midnight '81 soup. Atlantic could never have been better. The Brunswick stew was the best. Many thanks for making our trip a success. THE A-10N CONTINGENT

BEECH AND HJALMAR: How "beat" them dreg! Woof, woof! You know we'll have to come up with something equally entertaining for Judy when she comes down. Maybe the submarine race? We can get it, the beach and pick her in the ocean. RESISTANT PERVERT

POITY: bet you are on cloud nine because of the anesthesia they gave you. Did you like the room? I love you. Todd

Miss Miron-van Experiment: Excellent code name, isn't it? It's 1000%, and I'm very tired. Sorry I haven't seen much of you lately. As soon as I get out of poverty, more going out on a night on the town. Love, the Overworked & Underpaid.

To the best woman I know: I'm so sorry that I couldn't make it to your big day. If I could, you know that I would. Soon we will be together again and I give you all my love and affection. Love, the person you miss the most: Jimmy Your loving brother.

Harry & Julia: Can you believe it? He's going to be the knot! Looking forward to seeing you Mom. Wish you could come too. Dad, J. C.

A.K.: Dinner on Fri. was wonderful. I'm glad you enjoyed it. I hope you enjoyed your birthday yesterday. Feel any older? We need to have a heart to heart talk some time in the future and continue our interesting talk from Fri. night. Keep in touch and rest that back up. I might have some remonies for it you've never heard of Love, Decadent Dave

Nightgown: the airshow was great, B-ball in the rain was even better. Happy Birthday! Water Buffalo

SureWid: I'm having second thoughts about this weekend. Let's hold off for now. School is too hectic for additional parties at this time. Try me later in the tri. To them... You know who. A as in King: Sorry about the ankle, a simple "twist" of fate. No pun intended... what the heck. Ha Ha Ha. A. J.

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ATLANTA, GEORGIA: Leavin Dec. 14. Daytona to Atlanta. Need a ride, will split costs, driving, etc. Contact Mark Box H-210 or Dorm 11, Room 149

ORLANDO AIRPORT: Leaving Nov. 24. Looking for a ride, have to be at airport at 7:00 pm. Returning Nov 28, at 6:38 pm at Orlando Airport. Need a ride back to ERAU. Will split costs, need a ride both ways. Contact Ross Box 8025 or 258-9876

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By Holly Vath
Axion Layout Editor

Last week, on a stopover to Jacksonville, the Goodyear Blimp was parked at New Smyrna Beach Airport.

There are currently four Goodyear Blimp® in operation. Three are stationed in the United States, the other in Europe. The Enterprise, the blimp which services the third eastern part of the United States, is based at Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, Florida. The other two in the U.S. are the Columbia and the Enterprise. The Enterprise is based at Los Angeles and Houston, respectively. The Europa is stationed in Rome, Italy.

The dimensions of the Enterprise are 192 feet long by 59 feet high by 50 feet wide. The outside is made of a rubber coated dacron fabric. The airship is filled with 202,700 cubic feet of Helium. It is powered by twin-Continental engines, each 210 hp. The maximum speed of the airship is 50 mph. The normal flight altitude is 1,000 feet.

Mike Fitzpatrick, one of the five pilots assigned to the Enterprise, has been flying the Blimp for five years. He obtained his slot after working six years on the ground crew of the blimp. Goodyear has its own training school for blimp pilots. Each airship is staffed with a crew of 22. The ground crew consists of engine, radio, and structural experts.

"Each ship is kept in service for

7 to 10 years, the Enterprise is only 2 years old," said Mike Fitzpatrick. "The design of the ship was developed in the 1930's and few modifications were made from that design," continued Mike.

The blimp is a non-rigid airship. Its shape is maintained by the internal pressure of the lifting gas. The first non-rigid airships were developed during World War I. Goodyear built its first airship in 1917. This airship was designed for the lifting gas. Since hydrogen is highly flammable some of the first airships exploded, taking many lives. Goodyear pioneered the use of helium in 1925.

Goodyear became a leading manufacturer of blimps for military purposes during wartime. The airships were used as aerial escorts for Navy convoys. The Navy airships escorted 89,000 ships during World War II with not a single vessel lost.

The blimp carries six passengers at a time. It has a maximum lift of 3,281 pounds. The maximum altitude is 8,500 feet. A 500 by 1,000 foot field is needed to

takeoff or land a blimp. The blimp is equipped for VFR flight. It is also equipped with two VOR, glide slope indicator, ADF, etc. It does not have DME equipment.

When the blimp lands it must land directly into the wind, otherwise the crosswind will make the craft uncontrollable. The airship has two cables hanging off the front which the ground crew grabs upon landing. The ground crew takes control and steers it to where it is parked.

"As passengers get in the blimp, an estimate is made on their weight; they [the ground crew] get very good at guessing," commented Mike Fitzpatrick. Then lead weights are taken off or added to obtain the desired takeoff weight.

When asked about possible leaks in the airship, Mike replied "a small hole will not allow the helium to escape fast because of the density difference between air and helium; the engineers tell us that with a 13 foot hole the blimp will land safely."



The Goodyear blimp Enterprise, big snip of the sky, is named after one of the most famous vessels in history. The airship namesake is the yacht Enterprise winner

of the famed America's Cup race in 1930. The Enterprise's American sister blimps are also named for former cup winners. Photo courtesy of Goodyear.

By Holly Vath
Arts Layout Editor

Joan Snelson, an Embry-Riddle student, is conducting a survey which will determine what factors

influence females who choose to attend Embry-Riddle. Joan is an Aviation Maintenance Management student, she is presently a senior, planning to graduate in

Spring of 1983.

The survey will go out to all Embry-Riddle females. Joan is hoping for at least a 33 percent response. A hundred responses

must be obtained in order for any of the data to be accurate.

Joan is receiving help from Wayne Bottomley, Director of Institutional Research. Joan is doing this research as a means to satisfy her curiosity. She hopes some of the results will be helpful to the University Marketing Department. The survey will go out sometime next week. All women are encouraged to respond.

Puzzle Answer

P	R	E	S	S	P	O	R	T	S		
R	O	T	A	T	E	S	E	N	I	L	E
A	I	R	E	T	S	D	R	A	M		
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Y	I	E	L	D	S	P	A	R	E	N	T
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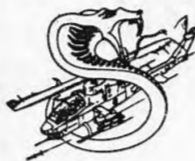


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