

4-4-1990

## Avion 1990-04-04

Embry-Riddle Aeronautical University

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The Thunderbirds were featured at this year's annual Skyfest air show

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ERAU Sailing Club takes third place at Rollins Invitational.

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Senior Class holds final meeting April ninth.

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# Avion

An Award-Winning Newspaper by Students for Students

Volume 64, Issue 11

Embry-Riddle Aeronautical University, Daytona Beach, Florida

April 4, 1990

## Daytona hosts another successful Skyfest



Into the blue...

The Thunderbirds Aerial Demonstration Team performs a diamond formation maneuver above the heads of dazzled spectators. The team performed a show lasting more than 40 minutes on Saturday before departing for maneuvers in Thailand.

by Joseph A. Salerno  
Aeronautics Editor

Rewards are always in order at this school. The students here put in many long hours, study hard, and put their heart into their work. It all comes down to the main attraction held at the end of the year, Skyfest!

March 30 to April 1 saw the culmination of one of the most spectacular groupings of military aircraft ever seen, when Skyfest '90 came to the Daytona Beach Regional Airport. It was the perfect way for the students to release tension and gain some relaxation from their schoolwork.

The planes made their arrival fly-bys on March 30, which was not an actual show date but proved to be quite spectacular in its own right. The planes came in on runway 7L after performing a number of go-arounds, and were then taxied to runway 16-34, where they were kept on static display for the remainder of the show.

DAB was opened up for public seating for the show, a definite rarity, and the airport's taxiway and runway system was reconfigured to allow for the show. Runway 16-34 was used for the static display area, with Whiskey taxiway used as the route between runway 25R-7L, the active runway for the show. Echo and part of November taxiways were closed and used as parking areas for the planes which would perform in the show and for a C-141 Starlifter which carried equipment for the USAF Thunderbirds. The Thunderbirds themselves occupied all



Photo by Alan Clark

Same day service...

The B1B heavy bomber displays its low speed maneuverability with its wings in the unswept position.

of the Echo taxiway parking area. Tents for press and VIPs, and seating for the public lined November taxiway, as well as numerous tents for vendors.

March 31 saw the beginning of the show, and at nine o'clock am the airport came alive. The static displays were open for public viewing all through the show, which started at one o'clock pm. A stunning performance by Jim Franklin and his Waco Mysteryship topped off the show, and later that day he was joined by wingwalkers Johnny Kazian and son as they taped the fairs on the wings of the Mysteryship. Following that a stunning show by the Eagles aerobatic team, who have been performing together for 20 years straight, was displayed.

Several jet performances were con-

ducted including a hovering display by the AV-8 Harrier jumpjet. The F/A-18 thrilled the crowd with a display of the aircraft's maneuverability characteristics, including a display of its slow flight capabilities.

The last jet display was the main event of the whole airshow. The USAF Thunderbirds put on a show lasting more than 40 minutes. Formation flight displays were put on by planes 1-4, while planes 5 and 6 made solo passes over the crowd. At one point, one of the soloists snuck up on the crowd and made a low-altitude high-speed fly-by over their heads.

The second half of the show took place on April 1. This time the spectators were greeted with a rare treat, that of Patsy Wagstaff performing an aerobatic display in her Super Bandit

see Skyfest, page B9

## ERAU professor dies of cancer

by Martin Kammerman  
News Staff

Professor John Paul Eberle died Sunday in a Gainesville hospital after suffering over two years from throat cancer. He was 71 years of age.

Originally from Bridgeport, Ohio, Dr. Eberle served in the army. From there he went to the American University in Washington, D.C. where he received a Bachelor of Science, Master of Arts, and a Doctor of Philosophy degree in Public Administration.

He worked in several government jobs such as the BEOC (Equal Employment Opportunity Committee), as well as the Census Bureau, before finally becoming an instructor at George Washington University. From there he joined Embry-Riddle.

On September 9, 1970, Eberle was hired as a part-time instructor in the Management Science degree program which later became the Aviation Business Administration program. On September 1, 1971 Eberle was promoted to the job of Associate Professor, and on September 1, 1982 he attained the rank of (full) Professor of Management.

In June of 1977, Eberle was granted tenure by Jack Hunt based on recommendations of deans.

On April 10, 1989, Dr. John Williams bestowed the honor of Professor Emeriti at the recommendation of the faculty senate and the faculty of the Aviation Business Program.

"One of the finer persons which I have known here," commented Dr. Rudolph Knabe when thinking of the deceased Eberle. He was "always a gentleman" continued Knabe.

Dr. Bruce Chadbourne had known Dr. Eberle for 16

years. "He loved teaching," Chadbourne recalled the times when Eberle was acting dean and acting department chairman. Eberle was a "stabilizing force", and was known as "the father confessor of the faculty." Embry-Riddle was his life. Chadbourne also spoke of how Eberle left his mark at the University.

Miss Ann Apperson reminisced about her friend.

According to her, Dr. Eberle was "just really a wonderful man...He was so proud of Embry-Riddle."

Apperson also spoke of how even when Dr. Eberle started to lose his health, he continued his classes. "He just couldn't stop teaching!" she said. Apperson concluded by saying, "He was one of the most popular teachers who ever taught here."

Dr. William Brown was an important person to Dr. Eberle, not just because he was his friend, but also because Dr. Brown was responsible for hiring Dr. Eberle in 1970. "I admired him very much."

In addition to the honors bestowed upon him, Eberle was known for his jobs on various committees. He was known for being a "troubleshooter", and his wife Audrey supported him in his many endeavors. He was also a faculty resource on the Board of Trustees.

Eberle is survived by his wife Audrey, his four daughters, Bonnie, Judy, Sherry, and Joyce as well as his 12 grandchildren. He was active in St. Paul's Catholic Church.

According to many of Dr. Eberle's friends, there may be plans to offer a student scholarship in his name. If anyone is interested in contributing to the scholarship, you may send a donation to the Embry-Riddle Scholarship Fund.



Prof. John Paul Eberle



NASA photo

Real slow flight...

NASA's experimental F-18 displays its exceptional high angle of attack slow-flight capabilities. NASA plans to experiment with angles of attack approaching 90 degrees.

## NASA studies F-18 high AOA

by Ron Young  
Aeronautics Writer

The NASA Ames-Dryden F/A-18 High Angle of Attack Research aircraft is currently undergoing flight testing at Edwards, California. Flying the aircraft is NASA research pilot Edward T. Schneider and William H. Dana.

The High Angle of Attack program investigates aerodynamic factors affecting the ability of an aircraft to

maneuver at high angles of attack, using a glycol compound and smoke for flow visualization around the aircraft's forebody.

The area of interest concentrates on the behavior of high performance aircraft configurations that will allow high angles-of-attack approaching 90 degrees.

The program has progressed to airworthiness testing following a 5 month down time due to modifica-

tions involving wing flap systems, the installation of a spin recovery system, and an improved data collection capability.

Following 13 flights of this test block, the aircraft will be further modified with additional sensors to measure surface air pressures.

The research project is an effort jointly undertaken between Ames-Dryden and NASA's Langley Research Center.



Aeronautica

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The new Franco-American TBM-700 recently received FAA certification . . . page B1

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Diversions

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Newspaper

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PEREN  
CARTOONING SINCE  
1965

## Editorials

# Aero. Science Dept. may lose students

Nearly 30 percent of the undergraduate population at this University is made up of Aeronautical Science Students. Unfortunately the Aeronautical Science Department can not cope with all the problems that these students face.

The Aero. Science Department has recently implemented changes in the program for the better, by incorporating the ground schools into the flight courses, which is the way they should have been all along. Unfortunately, students who have already taken these ground schools in a class situation, now have to take these ground schools over again in the flight course.

In the memorandum that was passed among a few of the Aero. Science classes, it made mention of these course offerings. It basically said instead of taking Fa-205, 206, 302, and 340, you can take Fa-200, 250, 300, and 417 in their place. What this memorandum does not say is that after this summer, the older courses will not be offered any more. Instead of calling this course offerings, they should call it course forcings.

What this means is that the catalogues we have all had, are being changed without true student representation. While I would rather take these new courses, most students can not afford the higher costs of these newer courses.

A good example of these price differences can be seen between the flight courses Fa-205 and its replacement, Fa-200. Fa-200 costs 400 dollars more



David Fekke  
Diversions Editor

than Fa-205. Fa-250 costs almost 1000 dollars more than Fa-206.

If the Air Science department wants to retain any credibility, they should let the continuing students stick to the catalogues we were given.

Another bad decision made by the University was the cancellation of the Aeronautical Studies

and Airway Science Programs. While there are more students in Aero. Science than in Aero. Studies, more students are graduating in the Aero. Studies program than in the Aero. Science program this semester. The reason that students have been switching to the Aero. Studies program is because they realize that the Flight Department is about as backwards as the Spanish Inquisition.

While the Aero. Studies program will be open to students until the end of the Summer session, no student in their right mind is going to switch into a program that is about to be axed, because that does not look good to future employers.

The Aero. Science and Flight departments are trying to do a better job, but they are forgetting the three most important things they should do. Number one, they should look at other successful flight programs to improve our scheduling efficiency, such as Flight Safety. Number two, they should consult the students and have adequate student representation in every committee, finding students who are not in the SGA. And number three, allowing the option for students to stick to their catalogs, and giving students a program where they can fly outside of the school, and still receive Aero. Science degrees.

If these changes are not implemented soon, the University will lose the majority of their Aero. Science students, not to other programs, but to other Universities. It is already starting to happen.

## Letters to the Editor

### SGA racism?

To the Editor,

As we all can see, ERAU wants to remain in the past. ERAU still insists on the old pre-civil rights movement policies, as we can see by the amount of minorities that hold administrative and faculty positions. And if that's not enough, the SGA blatantly insults our intelligence by putting Martin Luther King Jr.'s birthday (MLKJ day) on the ballot this year.

The way it was presented was ludicrous, who in their right mind would want to switch one four-day weekend for two three-day weekends.

The other option was to swap MLKJ day for President's day. That in itself says the SGA is just as racist as the administration. The administration says the school calendars are made five years in advance and they can't change the days, due to graduation and other reasons.

As far as I am concerned that is garbage! We all have seen the school get rid of the Aeronautical Studies Program this semester, but the new 1990-1991 catalogs have no signs of the Aero. Sds. Program.

That tells you that changes can be made quickly or either the administration axed the Aero. Sds. Program long before they notified the students. As a student at ERAU I am not proud to say I attend a university that does not acknowledge a national holiday.

Why is this? Is it because Martin L. King is black? Is it because he was not a government official? If the administration wanted to they could easily add a day to the end of the spring semester or take a day to the end of the spring semester or take a day away from our Christmas break.

If the SGA ballot for MLKJ would

have been presented in a positive way the results would have been entirely different. I, as a young black man in America, take this very personal and offensive.

IF ERAU is preparing us for the real world I think ERAU needs to wake up and smell the coffee. Hey! The United States Government celebrates a holiday for a black man. So ERAU, are you going to continue to live in the past? Or what!

Ron Grant  
Box 2555

### Cafeteria confusion!

To the Editor,

Since Morrison's Cafeteria took over the meal services at ERAU this year, the food quality has improved tremendously. However, using a meal card to purchase the food can become frustrating and discouraging.

At first the rules and regulations of what you can purchase seem simple. The signs on the walls of the cafeteria state that your meal card can purchase one entree, a cup of soup, four side orders, and two small drinks. This sounds like a lot of food, and it is if you choose your foods wisely.

To help you better understand the problem, I'll present to you a situation. On my tray for lunch, I have: a bacon cheeseburger, french fries, a salad with croutons and cucumbers, an apple to take home with me, a small cup of frozen yogurt for dessert, and two small juices.

From the looks of it, except for not getting the soup, I have obtained my

see Cafeteria, page B7

# They're doing it to us all over again

It's registration time once again. Time for the infamous Riddle run around. As a senior, conditioned to this sort of situation, I decided to just go with the flow, and accept the upcoming trek to get a signature for a special topic course.

"Sorry, he is not here. He's across the street at the ASSL building" said the secretary. Thus, my trek began.

Looking at the clock, I envisioned other seniors in line registering for the same classes. The thought of getting even more run around in receiving forced entries made me start to get a little nervous, but I thought I'd try to keep my cool.

Never having had a class at the new ASSL complex before, I decided to take a short drive across the street in an attempt to keep my Riddle run around to a minimum. After a quick calculation in my mind, I figured I could save a half hour by driving over since the trip was starting from the academic buildings.

As I pulled into the driveway and took the turn through the jungle behind the ASSL building, I started to see cars lining the driveway. This was not a good sign.

Despite this all too familiar sight, I continued. I hoped that maybe the cars were just some construction workers there to finish some incomplete construction on the building.

Yeah, Right.

As I finished negotiating the circular stretch of



Joe Szarmach  
Avion Reporter

the driveway, I saw a queue of five cars waiting to enter the parking area. An accident had blocked traffic perhaps?!

Yeah, Right.

Deja Vu. The cars were filled with students waiting for parking spaces to open up. To my surprise, there were only two short rows of student parking.

Yes, the administration has done it to us again.

This, despite the fact that the students' main gripe over the years was that there is not enough parking. Nevertheless, the recently completed building lacks adequate close student parking, much like the rest of the campus.

Hello! McFly! Anybody Home?!

This makes one wonder whether the administration ever reads the Avion and Student Forum. I also wonder if they ever look out their windows.

Of course, the administration's standard argument is that there are always parking spaces available in the sand lot. In my opinion, that is not an adequate solution. With this reasoning, it could be argued that students can also park in the K-Mart parking lot, and walk over. Besides, would anyone in the administration or staff get to campus 20 minutes early, park in the sandlot, and then walk to Spruance Hall?

No way.

Of course, there is plenty of close faculty and staff parking at the new building.

This is just another example of the SGA's ineffectiveness and impotence, as well as the "us and them" mentality of the administration.

## Student Forum

The Avion asks: Do you think Spring Break at ERAU should be moved and if so, to when?



Aaron Grose

I think it should be moved so that we have an extra week sometime in March.



Sam Edwards

Yeah, I do. Probably to when Spring Break is at its peak here in Daytona.



Scott Kulka

I think it should be earlier. It's so close to the end it's not worth it.



Chuck Bonini

No, it doesn't interrupt me any.



Susan Boyne

No, I like getting out early for the summer.



Eric Shearon

It would be nice if it was during everyone else's break and longer than two days.



# Israelis say Iraqi strike unlikely

JERUSALEM (AP) - Israel is unlikely to stage a pre-emptive strike against Iraq despite revelations that the Arab nation may have an advanced nuclear weapons program, political analysts said Saturday.

"Iraq now has missiles, and they are telling us in so many words that they will be using them if we strike," said Amatzia Bar-Am, an Iraq specialist at Haifa University. "I don't think Israel would be foolish enough to start this kind of cycle of violence."

"The situation in the Middle East has changed since 1981," he said, referring to Israel's bombing of an Iraqi nuclear reactor that Israel said could have been used to produce nuclear weapons. Iraq said the facility was to be used for peaceful purposes.

U.S. newspaper reports, citing classified CIA material, have said Iraq has positioned missile launchers in the western part of the country, within range of Tel Aviv.

The Israeli government has not commented following Wednesday's arrest in London of five people in an

alleged plot to smuggle nuclear weapons triggers to Iraq.

"We have no comment on it. It's something that happened between England and Iraq," Foreign Ministry spokesman Yossi Amihud said Saturday. Aides to Prime Minister Yitzhak Shamir have also refused to comment. Political observers said Israel's verbal restraint was a sign that it did not want to escalate tensions with Iraq, one of

**Israeli military analysts have estimated that Iraq is less than five years away from developing nuclear weapons...**

its most implacable enemies in the Middle East.

Iraq, meanwhile, has accelerated its rhetoric. Responding to the arrests in Britain, Iraq's deputy foreign minister, Nizar Hamdoun, said "the current British campaign is trying to provide the groundwork for an Israeli aggression against Iraq, reminding us of the year 1981."

But Bar-Am said another strike was

unfeasible. He noted that in 1981 the Osirak nuclear reactor near Baghdad provided a clear target for Israeli warplanes, but Iraq's current nuclear program is spread across the country.

"There is no easily identifiable target that you hit and then get rid of the whole nuclear option," he said. "There doesn't seem to exist anywhere an atomic reactor."

Israeli military analysts have estimated that Iraq is less than five years away from developing nuclear weapons and that it was making rapid strides in producing other unconventional weapons.

"They are making an effort, not only in the nuclear field, but also with regards to missiles, to chemical weapons and to biological weapons," said Zeev Bitan, a senior analyst with Tel Aviv University's Jaffee Center for Strategic Studies, in an interview with Israel radio broadcast last Saturday.

Political analysts agreed with Bar-Am that hostilities between Israel and Iraq were unlikely in the near future because of mutual deterrence.

# Did boycott threat influence veto?

PORTLAND, Maine (AP) - A lobbying blitz against Idaho's restrictive abortion bill probably helped persuade Gov. Cecil Andrus to veto the legislation, the president of the National Organization for Women said.

Molly Yard, attending the Northeast regional conference of NOW, said pleas from teen-agers, letters and telegrams from pro-choice forces and phone calls from other governors opposed to the Idaho bill all probably influenced the Idaho governor.

"How much effect the threat of a (potato) boycott had, I haven't the vaguest idea, but he certainly did, in my opinion, the right thing," Ms. Yard told reporters. "I think that Gov. Andrus thought very, very carefully about what he was doing, and I think there are many reasons that went into his decision, which was obviously done with care," Ms. Yard said.

"He clearly did talk to the medical profession and the

legal profession. He was advised by the latter that the bill was unconstitutional, and he was advised by the former that women would virtually be banned from having abortions. I think that troubled him."

Ms. Yard rejected the suggestion that NOW's threatened boycott would have been unfair to Idaho potato growers who had nothing to do with the abortion bill. Nine of the Idaho lawmakers who voted on the bill were potato growers, she said.

"The onus is on them," Ms. Yard said. "They brought it on themselves." Potatoes are an important crop in northern Maine, where growers had said last week that a boycott of Idaho potatoes might be good for business.

Ms. Yard came to the weekend conference in Maine prepared to make a pitch for Maine potatoes, but Andrus announced Friday night that he would veto the abortion legislation.

# Thatcher blames extremists for turning protest into riot

LONDON (AP) - Prime Minister Margaret Thatcher and opposition politicians on Sunday blamed extremist groups for turning a carnival-like anti-tax protest in Trafalgar Square into one of London's worst riots this century.

On Sunday, about 100 protesters chanting "No poll tax!" and "Can't pay, won't pay!" clashed with police for a second day when Home Secretary David Waddington toured the scene of Saturday's riot. Four people were arrested.

A protest by 40,000 people against a new local tax turned violent Saturday when thousands of militants smashed windows, set cars ablaze and battled police for several hours. Hundreds of people were injured and hundreds were arrested.

The so-called community charge, which took effect Sunday in England and Wales, replaces a property tax with a levy on each adult and increases the amount many pay by up to a third. Critics say it's unfair because Britain's richest man, the Duke of Westminster, pays the same rate as his gardener.

Labor Party chief Neil Kinnock, whose party is 28 points ahead of Mrs. Thatcher's Conservatives, said those who caused the violence must be "treated as criminals" and punished. Scotland Yard launched a top-level investigation into the six-hour street battle which sent 58 police and 86 civilians to the hospital, injured 22 police horses and caused hundreds of thousands of dollars of damage. Detective Chief Supt. Roy Ramm, leading the investigation, said 341 people had been arrested for offenses including arson, robbery, serious assault, criminal damage and looting. The heart of London looked like a war zone after a battle on Sunday.

Clean-up crews cleared rubble and burned-out cars from

the streets and strollers wandered past boarded-up restaurants, pubs and shops whose windows had been smashed. Many victims were among Britain's most exclusive names: Liberty's, Burberrys, Mappin and Webb, Dickens and Jones.

In Trafalgar Square, a pall of black smoke was still rising from construction cabins on the side of a seven-story building undergoing renovation which had been set on fire by the protesters. The South African Embassy across the street had smashed windows and one window area blackened by a firebomb that missed setting the building ablaze.

The Independent on Sunday newspaper called it the worst riot in central London this century. Scotland Yard said it was one of the worst but nobody had yet researched whether it was the worst.

Chief Inspector Graham Bartlett, a 24-year police veteran who was kicked in the eye and hit on the head when he went to rescue a man who had been knocked out, said it was "the most severe" attack on police he had ever seen, worse than the 1981 Brixton riot in south London.

David Meynell, Scotland Yard's deputy assistant commissioner, blamed the "sustained and savage violence" on about 3,500 people who were among a crowd of 40,000 at a rally in Trafalgar Square. Organizers put the crowd at 200,000.

Meynell said the clashes began when some demonstrators heading up Whitehall to Trafalgar Square stopped at the corner of Downing Street, where Mrs. Thatcher has her official residence, and tried to storm the barricaded entrance to the street.

Of those injured, he said, only two police officers and two civilians remained hospitalized Sunday. Steve Nally of the All-Britain Anti-Poll Tax Federation, which or-

**Scotland Yard launched a top-level investigation into the six-hour street battle which sent 58 police and 86 civilians to the hospital...**



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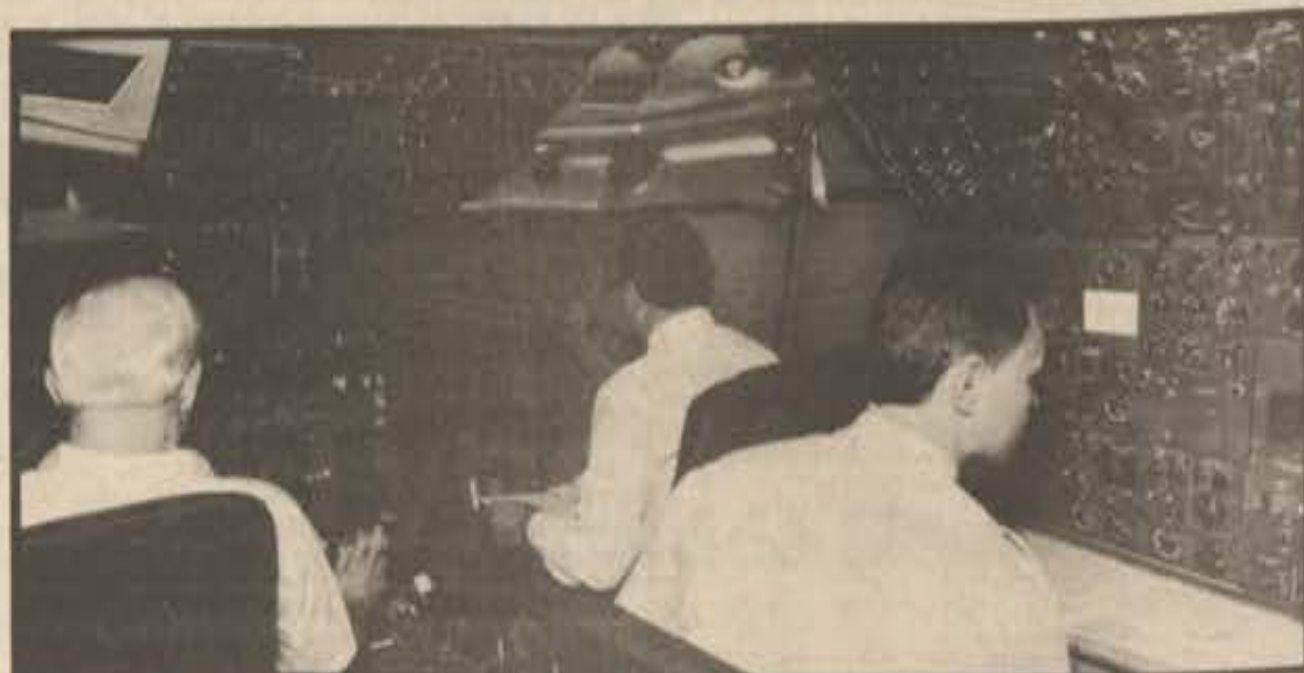
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## ERAU implements anti-drug plan

### One of the first approved for U.S. colleges

One of the first mandatory drug testing programs for university students in the U.S. will be implemented, starting January 1, 1991, by Embry-Riddle Aeronautical University.

This program will affect new students who engage in flight training at Embry-Riddle Aeronautical University. It reflects the commitment of the 7,000-student institution to maintain a drug-free environment, according to President Kenneth L. Tallman.

**"Embry-Riddle's reputation for excellence has been built on our close alliance with the aviation industry..."**

will shape and direct the quality of aviation throughout the world.

"At Embry-Riddle, students are engaged in the all-encompassing atmosphere of aviation. They are educated in humanistic values and ideals in addition to technical skills. One major factor underlies the education received by each student -- the crucial need for safety in all facets of aviation. Because of that need, safety education has always been one of Embry-Riddle's highest

priorities. Our superior safety record demonstrates this infusion of safety throughout all our educational and training programs."

President Tallman said the mandatory plan for new students engaged in flight training is based on the university's employee plan recently approved by the Federal Aviation Administration (FAA). The university plans to begin the testing of all employees performing safety-sensitive and/or security-related jobs in August, 1990. The five drugs to be tested for will be marijuana, cocaine, opiates, amphetamines and phencyclidine (PCP). Professional Pilots Testing Service (Windsor Locks, Conn.) will

administer the program.

Tallman said that the approved FAA drug testing plan affects about 200 employees and student employees who are involved with the flight program. This includes flight instructors, dispatchers, avionics and aviation maintenance technicians and security personnel at both campuses.

"The hundreds of aviation and aerospace companies that recruit our graduates share our concern for safety," Tallman stated. "The aviation industry, in partnership with the FAA, has led the way in the business world by implementing drug screening programs to help make our airways the safest in the world. Embry-Riddle students entering the work force, either after graduation or on cooperative education assignments, are routinely subjected to these drug screening programs," he added.

President Tallman concluded:

**"The hundreds of aviation and aerospace companies that recruit our graduates share our concern for safety."**

"Embry-Riddle's reputation for excellence has been built on our close alliance with the aviation industry. Our pre-eminent role in aviation higher education has developed through responding to and meeting the education, training and employment needs of the aviation industry."

It follows then that Embry-Riddle would provide to the work force graduates with the most competitive employment qualifications.

## Graduates will hold meeting

by Greg Naccarato  
Campus News Reporter

The final meeting for April Graduates will be held on Monday, April 9, 1990 at 8 p.m. Voting for the Outstanding Faculty and Staff Award winners will be held and the Senior Class Council will also be selling class shirts during the meeting.

Detailed information pertaining to the commencement ceremony will be reviewed, for there will be no march rehearsal. For more details or if you can not attend, please contact Laurie Rinfos, Senior Class Advisor, in the Student Activities office.

The Senior Class Council has hosted many fund raising

activities like car washes, manning the Bike Week and Skyfest concession stands, candy and donut sales, and helping sponsor Ocean Center Spring Break Breakfasts.

The Senior Class would like to thank Student Activities and the SGA for their generous loans for their fundraising efforts. A personal thanks from Tim, with him saying "keep up the good work Senior Class Council."

Ticket prices for the party at the Marriott are \$16, but those of you graduating in three weeks pay only \$13.

The Senior Class Council fundraising activities will cover the rest.

## Career Corner

by Career Center Staff

Greetings from the Career Center. This is the re-establishment of a series of articles to be written by the Career Center staff and published in each edition of the Avion. The purpose is to provide you, the undergraduate and graduate students, with important information about preparing for your career and related Career Center services.

When we ask recent graduates what we can do to improve our services to current students, we frequently hear, "make sure that students know about your services and tell them to start using the Career Center well before they graduate." This article will explain what the Career Center can do for you.

We are located on the second floor of the John Paul Riddle Student Center, next to the Avion office. Our hours are 9:00 am. to 4:30 pm. Monday-Friday. Our goal is to provide you with the knowledge and skills necessary to compete in today's competitive employment market.

However, we are not an employment agency. That is, we do not "get" you a job or "place" you, because only you can decide what you want to do and where you want to do it.

We provide information, assistance and opportunity -- but it is up to you to conduct your own career planning, research potential opportunities and employers, make your own decisions and take action. We provide the following services for you:

### Career development

Career counseling assists with career choice/change, exploring career opportunities and developing job search techniques. The Career Development Counselor is available to help the student prepare for the graduation experience and the transition out of the University setting.

Alumni Sharing Knowledge (ASK) program enables you to contact alumni so that you may learn more about their career/employers. Career Day in January brings employers to campus to talk with you about their companies and some may often set up interviews to be held during the following days.

### Experiential education

Cooperative education (CO-OP) presents the opportunity to gain career related work experience while earning credit (undergraduates only). Internships are available for non-credit career related work experience (undergraduate and graduate students).

### Job search services

We maintain a "Career Library" with names and addresses of employers and information on companies' hiring trends, salaries and job search skills. Job Search Seminars cover the entire job search process and are usually held several times each semester. Visit the

Career Center for seminar information.

Resume Critique service provides you with suggestions to improve your draft resume. Leave a copy with us; it is usually available to be picked up the next day.

Mock interviews will give you an idea of how well you present yourself in an interview. Bring a blank video-tape and we will tape the process for you to review. Interviews must be scheduled at least three days in advance.

Job Update is a recording of up to date Career Center information and position listings. Call 239-6052, it is updated every Tuesday and Friday.

Job books list all position vacancies obtained by the Career Center according to degree program. There are usually over five-hundred known position vacancies at any given time. Jobs are also updated regularly, unless the employer states that the job will be continuously available.

The Pathfinder is a weekly newsletter sent to over six-hundred alumni, College of Continuing Education students and some students still on campus. It lists all position vacancies received by the Career Center during the previous week.

The subscription rate is nominal at \$10.00 for 24 issues (6 months). Students should come to the Career Center for a subscription package. It gives you an excellent way to follow position listings as they are received and follow job search and industry trends. The campus interview schedule is often incorporated into the Pathfinder. A copy is posted on the bulletin board outside the Career Center.

Job Search files contain resumes and transcripts of graduating students and alumni who are actively seeking employment. They are used to send resumes and transcripts directly to companies of students who meet the company specified requirements.

The files are also the tool of communication between the students seeking employment and the Career Center. Graduating students should establish their file within their last two semesters.

Campus interviews with employers recruiting on campus are available for graduating students and some alumni who have established a job search file. Aside from Career Day, about twenty employers have interviewed or will interview students on campus during the Spring 1990 semester alone!

We are excited about what we see happening "out there" and how it will affect you, the future professionals of aviation, aerospace and industry.

We are also highly enthusiastic about this opportunity to communicate directly with you about how you can prepare for your career in the future of aviation.

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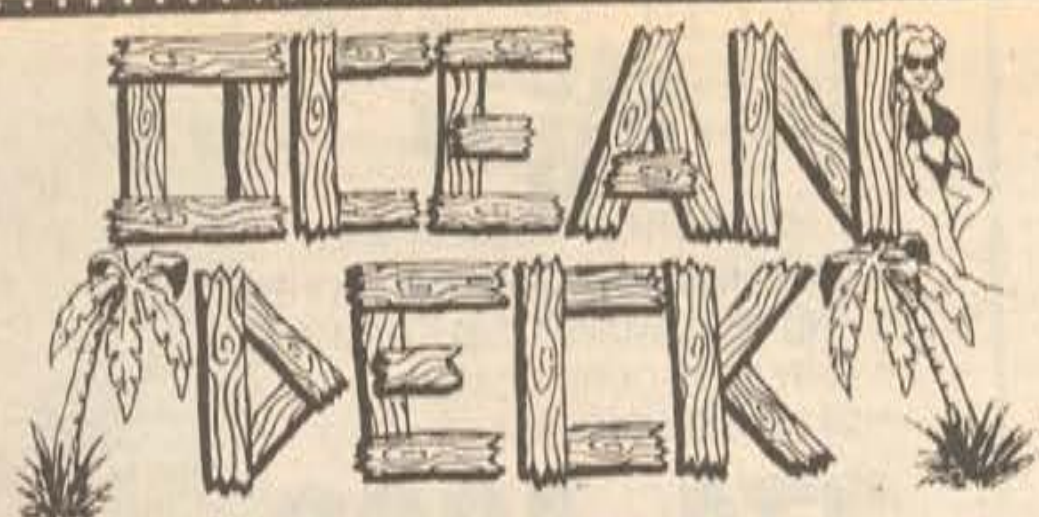
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## Sailing Club races Rollins Invitational

by David Paulfer  
Clubs Writer

The weekend of March 17 was an interesting introduction for the Windsurfing/Sailing Club into sailing competition.

This was their first intercollegiate event with the use of monohulled boats. Rollins College had invited Embry-Riddle's team to their home course at Lake Virginia.

Embry-Riddle's representative teams for both A and B fleets departed around 7:30 a.m. on March 17.

The first challenge for the team appeared on their trek to Rollins. A faulty belt on Van number 19 forced a break in commuting. The problem although easily circumvented seemed to leave no stress on the team.

Embry-Riddle's athletes continued to their destination unscathed. Upon arrival at Lake Virginia, teams were organized and the craft for usage. Flying Dutchmen Juniors, were scrutinized.

A skipper's meeting was held promptly at 9:30 a.m. with the racing event quick to follow.

Teams, at this point, rigged their assigned boats and readied for the first start after a quick practice session. Crews were alternated between races, this allowed approximately 12 Embry-Riddle sailors to compete.

The final results were slightly disappointing but predictable for this fresh sailing squad.

Embry-Riddle took an overall standing of third place and was only nudged from second by one point.

After attending a local arts festival at Winter Park the team set off homeward only to find mayhap again.

A fan belt dislocated itself almost causing engine failure which was quickly caught by the driver, Dr. Cunningham.

After replacing the belt to its proper location and refilling the radiator with the available windshield wiper fluid, the team got underway yet again.

Although an event of seeming trauma the sailing crew was more than compensated in their endeavor by learning experience and the chance to make a notch for Embry-Riddle in the local sailing echelon. Be Excellent!



Brothers in Arms...

Brothers of Sigma Pi take time out to pose for a picture during a busy day at the beach.

## Sigma Pi holds bi-monthly camping trip

by Joe Biancalana  
Clubs Writer

As Gordo's search for the ultimate woman continues, Sigma Pi Fraternity presses forth in the search of brotherhood, unity, and a fairly inexpensive but effective method for curing head aches incurred by those damn T.C.'s Top Dog commercials broadcasted every other sponsor break. Who cares if you Dogs are promoted by MTV.

Astor, Florida, hosted the Sigma Pi's last week for our bimonthly camping trip. The trip was an eventful one to say the least. After Pat physically showed us another way to skin a cat, we sat around a big camp fire and Sean told us stories of dragons and of a planet called Pern.

When leaving the campsite, Pat's truck encountered some deep sand causing him to be temporarily bogged down. Sean, exercising a marvelous feat of engineering, got the truck "unstuck" as so eloquently put by Mr. Roberts.

"One can go many miles with a slide rule and a car jack", aesthetically stated Pat. Toonies the driving cat could not have done better.

Last night's impromptu Gumball-23 (the 22.8 mile stretch between Stetson University and the Sigma Pi house) was won by Mark Hunt. Reaching speeds in excess of 115 mph, Mark took the "Hot Dog" neophyte on the shotgun part of Old Bellvue Road. The neophyte never had a chance but

Mark in his usual manner likes playing with his food before devouring it.

We all know Tom Weathers is a quiet and subdued brother. Though, I could not help but notice him missing from the house a few days last week. Could it be...I don't know... Maybe?...Pam??

Sigma Pi Believe it or not:

Leo Grassley, one of the founding fathers of Zeta Beta chapter, antique car collector, Air Force cadet, and big time procrastinator actually came by the house and straightened up the Buick!

Though he did not move the thing, it was a marked improvement to the mess that was so recently there. Believe it or not.

## AAAE holds nominations for fall officers

by John Magnuson  
Clubs Writer

On Thursday, March 22, 1990, the club was treated to a presentation by two representatives from Emergency-Once (E-One), one of the world's leading manufacturers of airport crash, fire, and rescue (CFR) equipment. In addition to a slide show, we were also treated to a video containing actual taped footage of aircraft crashes. Our second order of business was a recap of the Memphis trip. The highlight of the evening had to be the

riveting, electrifying, spine-tingling slide show and narrative given by Rich "Peabuddy" Wereta. On behalf of Jim, Jeff, and Zane, I would personally like to thank Rich (our fearless leader) for the way he used his dead-reckoning navigation on the trip back to Nashville. Without him, we could all still be eating our meals at the Stuckeys near Bucksmort, USA.

Finally, nominations were held for officer positions next year. The following is a run-down of the offices and their respective nominees:

Secretary-Tim Whitman, Jeff Elrod, Martha Tran, and Alex Lami Dozo. Treasurer-Michael Henderlong, Jeff Elrod, and Jeff DeCastro. Vice President-Zane Rowe and William Andrews. President-Rich "NWA" Wereta.

The meeting Thursday will include speeches by all nominees, followed by the elections. I encourage all members to attend and take part in the elections. It will be up to you to choose the officers who will continue to make AAAE the best club on campus.

## Army ROTC presents Cadets opportunities

Army ROTC offers many opportunities for cadets to improve their leadership skills.

One example of this is Cadet Troop Leadership Training (CTLT). CTLT exposes a cadet to the duties of a second lieutenant before he is actually commissioned.

MS III level cadets (Juniors) may apply to attend this training. If a slot is available, the cadet will attend a three week training cycle after successful completion of advanced camp.

A cadet who receives a CTLT slot is sent to an active duty unit for three weeks or a reserve component unit for two weeks. There, he will be sponsored by a lieutenant from that unit. The cadet's sponsor will be responsible for briefing the cadet on his duties while he is attached to the unit. In most cases, the cadet will take command of his sponsor's platoon.

It will be the cadets responsibility to see that all missions, duties or tasks

assigned to his platoon are carried out. Just as a lieutenant, he is responsible for maintaining the health and welfare of his troops and their equipment.

For all intents and purposes, the cadet is the platoon leader. This provides a chance to get some on-the-job training before he has to take command of his own platoon. It also gives the cadet a chance to learn from the other lieutenants.

CTLT helps the cadet understand what military life will be like and helps make the transition from college student to soldier a little smoother. CTLT is just one example of the many additional training programs that a cadet may attend to enhance his training programs that a cadet may attend to enhance his leadership skills and better prepare him for a military career.

Army ROTC is committed to leadership excellence and CTLT helps fulfill that commitment.

## Arnold Air helps local fundraiser

by Kim Heldt  
Clubs Writer

The Embry-Riddle Aeronautical University President's Residence was the site of a formal function co-hosted by Air Force Reserve Officer Training Corps Det 157's Arnold Air Society and AF/ROTC Special Operations on Saturday, March 10, 1990.

The formal let the cadets cut loose for a while and was a chance to blow off some steam that had built up during the middle of an extremely project-filled spring semester.

A grand total of about 80 cadets and their guests from both organizations attended the gala event.

Members of the popular band "Leading Edge", D.J.'ed the event and kept everyone dancing for three and a half hours.

A photographer was also on hand to capture the majority of the evening on film. The formal was a huge success.

A big thanks goes out to all of those who helped in the set up and planning of the formal. Capt. Harrell and Major Miller deserve a special thank you for staying the entire evening. We would also like to thank Louise Brown and her university protocol staff for being so helpful throughout the various stages of the formal.

The Arnold Air Society was also extremely busy during the weekend of the March 10. We helped with a project to raise money for the Knights of Columbus.

Twenty-six members and pledges handed out Tootsie Rolls and collected donations to raise money for retarded children at shopping malls in DeLand. Arnold Air personnel worked with other volunteers to collect over \$4300 during the Tootsie Roll drive.

## Riddle Players plan to perform Dracula

by John Cook  
Clubs Writer

The Riddle Players present the classic tale of horror, Dracula, this evening, April 4, at 8:00 p.m. in the John Paul Riddle Student Center.



Dreaming...

Robert Pacheco and Jon Burrows pose with the F-15 flown by 1976 ERAU alumnus.

## Sigma Chi revisited by alumnus

by Robert R. Pacheco  
Clubs Writer

On Friday afternoon March 16, Sigma Chi Brother Steve Schmidt, ERAU '76, arrived in Daytona with a display of his aircraft's steep turn low altitude maneuverability, directly over the Sigma Chi house. Captain Schmidt brought his plane from his air national guard base in Marietta, GA where he is an F-15 instructor.

Brother Steve was here this past weekend for the chapters 19th Birthday party weekend, along with 58 other alums. Steve gave a tour of his aircraft Saturday morning,

providing for excellent photo opportunities. He then went up that afternoon and gave Daytona another thrill or two. The winged sig gave his final show Monday afternoon when he left Daytona by going vertical with full AB directly over good old 520 South Ridgewood. Thank you Brother Steve.

And congratulations to the members of the Alpha Upsilon pledge class for passing line up this past weekend. remember no to let this victory become your demise, crank on those books and show your desire to become a Sigma Chi.

## Management Club hosts guest speaker

by Michael Mackaman  
Clubs Writer

Cheryl Gallagher, the Assistant Manager of DAB Airport spoke to the Management Club on March 27. She informed those in attendance about the state of the aviation industry: its strengths, weaknesses, opportunities, and threats. Ms. Gallagher unveiled the latest plans for the new passenger

terminal, and explained the details about other improvements planned for the airport, as she said "Just to bring us out of the 50's (airport technology), up to the 90's." Ms. Gallagher was candid when it came time to discuss how she got into the airport management field, and what suggestions she gave for those wanting to pursue a career in the field.

April 7 is the date selected for the annual Management Club end of Spring trimester PARTY at Ponce Inlet.

It will be held in conjunction with the American Association for Airport Executives. They are suff competition in the gruesome Egg Toss, so practice. You will receive more information through the mail.

### CLUBS POLICY

- All articles must either be type-written, double-spaced or on disk (unformatted in Word Star or Microsoft Word).
- Deadlines for submission of all club material is Wed., 5 p.m., one week prior to publication.
- Photos may be submitted with club articles
- All submitted material becomes the property of the Avion with the exception of disks.
- The Avion reserves the right to edit all submitted copy.
- For more information, stop by or call the Avion office at (904) 239-6049.

## ERAU Young Rep. discuss privatization

by Bart Eissing  
Clubs Writer

The Embry-Riddle Young Republicans openly discussed the privatization of the FAA and other Federal organizations.

The meeting was held last Wednesday, the 21st, at Mr. Gatti's pizza.

Mr. Frank Moxely, Jr., Associate professor of the Aviation Business Administration department was the club's guest speaker for this meeting and spoke for about an hour on the subject.

Both pro's and con's of the FAA's privatization were discussed. After Mr. Moxely's excellent speech, various questions were answered by him regarding ATC operations in a private environment and implementations of FAR's.

The Presidential Committee's 1989 nine point recommendations were read at the conclusion of the meeting.

The Embry-Riddle Young Republicans plan to hold similarly interesting meetings with guest speakers at least once a month.

For more information about the Embry-Riddle Young Republicans or how to join, contact Bart Eissing at Box 1361.

The Club would like to thank Mr. Moxely for all his support and for a very interesting meeting.

## Tau Alpha Pi initiates new members

The Sigma Epsilon Chapter of the National Engineering-Technology Honor Society, Tau Alpha Pi, wishes to congratulate the newly inducted members of the Society. The new members, namely Andrew T. Pratz, Jeremy Chapman, and Anthony J. DeLauro, were selected in accordance with their excellent academic endeavors, which includes obtaining a class ranking in the top four percent of their class. These new members will now join Amanda Endress, Joe Frisora, Forrest D. Arvin, Thomas J. Gora, and Thomas N. Nilsson in the Society. Once again, CONGRATULATIONS!!

## Delta Chi holds its officer nominations

by Michael E. Senn  
Clubs Writer

Nominations for officers were decided at last week's meeting. Good luck to the new executive board.

The pledge class has an outstanding brother's night planned for us. The date is set for April 6, Friday night. Make plans to be there (unless, of course, you didn't work at any fund raising this year or are not paid up on fines).

The golf outing last Saturday was a blast. The pledges did an excellent job of creating a mobile wet bar on the course. All in attendance had a great time!!

The Delta Chi diving team has their plans finalized for the Key Marathon dive trip during our long Easter break. Let's hope that Mr. Hirschman does not blow his ears out and has to sell me all his dive gear (really nice new stuff, too) to me at a dirt cheap price.

## Lambda Chi Alpha observes 16th birthday

by Andrew "Swifty" Soares  
Clubs Writer

On March 23, 1974, the Sigma Phi chapter of Lambda Chi Alpha received its official chapter charter here at Embry-Riddle. Since then the chapter has struggled, grown, and prospered in the last 16 years. With 44 active Brothers and 16 Associate Members the Sigma-Phi chapter is rising to meet the challenge of the 90's.

Coming up this weekend, we will be holding our 16th Annual Founders' Day Formal. It will be a great night of dining, dancing, and sharing in the Brotherhood for the active and alumni Brother's, Crescents, and their guests. There will be a Brother's Blowout Party, a barbecue during the Skyfest Airshow, and other unscheduled get togethers which we hold dear to our hearts.

Congratulations to Charlie Davis, Larry McMannis, Craig Brooks, Marc Fisher, Scott Hunt, Tom Keeler, Steve Kobrin, Bill Moore, Brian Mulkey, Rui Periera, Keith Plumb, and Keith

Congratulations goes out to Mr. Witzig for his awesome display of speed in the Daytona bike races and to Mr. T.J. Kane for winning an award for the bike with the most horse power in Volusia County.

T.J. didn't place in any of Big Daddy Rat's competitions, but then again, T.J. doesn't ride a Harley either.

Fund raising is over and the standards committee has decided on the following: if you worked less than 15 hours, you will be fined \$5 an hour for every hour that you did not work up to the 15 hour mark.

If you whine about this, it is at our discretion to raise it to \$4.50 an hour for every hour not worked up to the 32 hour mark. A \$20 fine is also added for each fund raiser missed regardless. You will not be allowed to go active until fines are paid.

In other words, so long dead weight!!!

Zacheral of the Spring Associate Member class of 1990 voted in to become our Brothers. You guys still have a lot to learn, so keep your eyes and ears open and "you'll find out at a later time" will be here sooner than you think.

Congratulations go out to the new High Zeta members. These officers will lead us into the 90's so give them your support and input.

This week's words of wisdom: Are you proud to be a Lambda Chi? Are you an active part of the best Fraternity in the world? Are you always trying to make improvements towards the Fraternity; being on a committee, in your school work, going out of your way to do the little extra things we call Brotherhood?

If you answered Hell yes!! to all three of these questions you are a beast in the Fraternity world. If you answered yes to just one or two of them you're not a beast yet, but I still love ya. LAMBDA CHI!! WE LOVE IT!! zeta rho, ahlih, just kidding.



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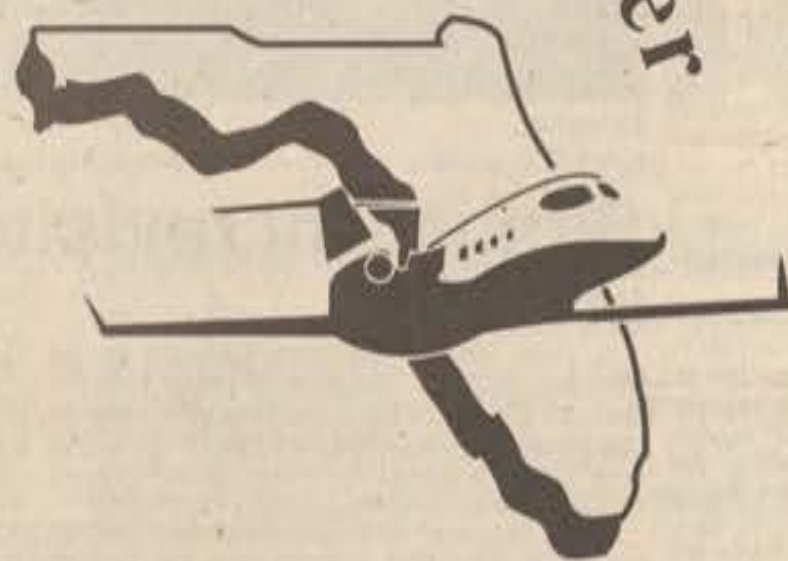
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# Word for Windows sets new expectations for all word processors

by Joe Cambron  
Managing Editor

Microsoft recently released what is perhaps the industry's most powerful and versatile word processor. It is entitled *Word for Windows-Version 1 (WFW)*.

The mammoth program is state-of-the-art in every respect, and is built around Microsoft's icon based *Windows* Environment. It contains not only the technical innovations introduced with *Word-Version 5*, but goes even further beyond word processing than many desktop publishing programs do.

The program contains WYSIWIG-What You See Is What You Get-technology that allows the user to see a page on the screen before it is printed. A powerful new formatting tool called "Ribbon" allows an ease of formatting that is unheard of in key-stroke in-

tensive IBM word processors. Simply highlight a section of text and place the mouse over the format designed. Bold, italics, fonts, sizes, italics, underlining, etc. are all on screen instead of buried in an arcane sub-menu.

Multitasking is *Windows* most useful feature. Multiple programs may be run simultaneously, with switching in between them as simple as the click of a mouse button. Working with multiple documents is just as easy. The program will even save non-current programs to unused hard disk space if memory is needed.

One may ask why multitasking is needed? The answer is sometimes simple. An entire graph or spreadsheet may be generated on Lotus, copied to a "Clipboard" and imported to a document in seconds. The same can be said of graphic design programs, databases, or

**The mammoth program is state-of-the-art in every respect, and is built around Microsoft's icon based Windows Environment.**

even other word processors.

Another advantage of *WFW* is its simple use of graphics and photos. Cropping, cutting and pasting, and even reversals may be done in moments on screen. Another useful option is an improved Thesaurus that provides not only synonyms, but definitions and through those definitions additional synonyms.

Most will be happy to know that *WFW* has an excellent on-line help program that operates as a separate multi-tasking program.

A virtual library exists on the use of the program. *WFW* is truly on the cutting edge of software technology, but with all its advantages comes a heavy weight on its back. Hardware requirements for the program are harsh.

Recommended for the program are an IBM style PC/AT with an 80286 or higher (the minimum processor to operate *Windows*), 640K RAM, an EGA or higher resolution monitor, one hard disk (with average seek times of less than 29ms), a floppy drive, and finally at least one to two megabytes of LIM/EMS memory.

Testing the program on an 80286-12 with 1:1 interleave RLL 60ms hard drive capability, the disk accesses kept the program literally crawling compared to its little sister *Word 4.0*. The processor seemed adequate to the task, but hard drive activity was prohibi-

tive.

My system's current capability of one full megabyte of RAM was also barely enough to scrape by, even with *Window's* built-in *Himem.SYS* (it adds 64K to low memory giving your system 704K under DOS) and *Smart Drive* (a disk caching program that saves frequently accessed information to expanded memory) programs active. In fact, the program performed so poorly under these conditions that large fonts would not even display on the screen without memory warnings appearing.

At a \$495 list price, the program is obviously not tailored for the low end user, but then neither are its hardware requirements. With the 80386 moving toward the industry standard, this program will do more than stand alone for a long period of time.

## Softwood Incorporated's Pen Pal proves to be one of the better applications programs

by Jason Simon  
Data-Tech Editor

Once in a while a decent applications program comes along for the Amiga. Excellence was one of the better programs, but it must now step aside. There is a better word processing program for the Amiga, one that has a database built in. That program is Softwood Incorporated's *Pen Pal*. Loading

After loading the program into the Amiga the word processor activates. The screen defaults into a pleasing beige and white background. Upon first inspection, the processor looks like any other applications program, but the similarity ends there.

### The box pointer

One of the nice additions to the processor is the mouse box pointer. Instead of using a pull down menu to change the parameters of the screen, such as the rulers on the top and sides of the screen, the mouse now takes care of all this. When the mouse is moved across the rulers a "box" appears under it. This box asks the user whether he would like to change the margins or paragraph indent. The box activates for other applications, such as the art palette or line creation icons.

Another nice change is the full page viewer. In Excellence the full page viewer must be activated using a pull down menu. After activation it still

takes time, over ten seconds sometimes, to display the full page. This problem has been alleviated in the *Pen Pal* processor. The full page activator has been turned into an on screen icon. In addition, the time needed to display the full page is dramatically less, including the pictures on screen, if any.

### Need to wrap text?

This program can also wrap text around a picture. If the user chooses

to place an IFF file picture in the text, the user can wrap text if needed. This is nice if the user doesn't like to have to box a picture then place the text around the box. In addition, the word processor allows the picture to be seen during the construction of the document, which can determine whether the wrap text feature is wanted or, in some cases, needed.

The on screen art palette is another nice addition. On occasion the user may need to insert a line graph or a box or some other application. *Pen Pal* allows the user to create the graph or application on the screen during the construction of the paper. This can save time and expense if another art program were needed, such as with other programs.

**However the absolute best addition to this program is the help section. The manual for this program could literally be thrown away due to this addition.**

### Spelling problems?

One great leap forward is the advanced spell checker built into this program. When the program encounters a word it does not recognize the spell checker will attempt to find a correct spelling from a list of over 110,000 words, almost the entire Webster's dictionary. The spellchecker will also insert a word, such as a name or place, into the users personal dictionary if needed.

**Drawbacks** There are some drawbacks to this program. The program lacks a thesaurus, es-

sential to some applications, and a grammar checker. The program also lacks postscript support; the built in Amiga fonts are nice but all except the topaz font dumps to the printer as graphics. Postscript support with fonts such as Times or Helvetica would have been better. In addition, scalable fonts, fonts that are created from a mathematical calculation instead of being pre-programmed, are non-existent in this program.

### Help me

However the absolute best addition to this program is the help section.

The manual for this program could literally be thrown away due to this addition. The help section loads very fast and is very easy to use. It makes the program much easier to use and saves the time that would be used flipping through the manual.

For example, if the user has a problem loading a picture into his article he can use the help section. He simply moves the mouse to the first menu bar and selects help. After the section loads up, he will see the selections he can make. The three top drawers are the database, the word processor and the general section. The user, in this case, simply puts the mouse over the word processor drawer and releases the button.

After another brief load, twenty-four sub menus appear. The user then can select his particular ailment, in this case picture loading, and receive detailed instructions on how to perform this task at hand. It is a really simple process and it alleviates many problems that the user may encounter.

Overall Woody Williams, Terrance Wright and Michael Simz, the writers of Softwood's *Pen Pal*, should be commended for their efforts producing this applications program. *Pen Pal* will be the writers choice of word processor from now on. *Pen Pal* is available for the Amiga line of computers at a price of around \$150.00.

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## Harlow's debut shows explosive potential

by Ron Roberts  
Photography Editor

For the new hard rock band, Harlow, Chain Reaction says it all. That's how this band came together and made their first self-titled album, Harlow.

The band found its origin with lead singer/songwriter, Teresa Straley, and keyboards/producer, Pat Regan. Regan had already established a name for him-

round out the band. The first person they found was Tommy Thayer, a former guitarist for Black N' Blue and a good friend of Teresa and Pat. They rounded out the band with bassist Todd Jensen and Drummer Kevin Valentine.

**With this combination of talented musicians, Harlow took on an intense and sharp sound.**

With this combination of talented musicians, Harlow took on an intense and sharp sound. The music is very precise and finely honed with Tommy and Pat's expressive

music backing Teresa's passionate and fiery lyrics.

Harlow recorded enough songs for two albums before selecting the ten cuts appearing on their first album. The songs range from the explosiveness of, "Chain Reaction," and, "Cry Murder," to the haunting energy of, "Silence." This first album truly reveals the full range of Harlow's musical abilities.

"Chain Reaction," is the first song on the album and the hardest and most powerful. It's true hard rock, with surprisingly precise guitar playing and a solid beat. A good song to move to. "Chain Reaction," is followed by

the calmer song, "Silence." This is a sad and haunting song about the homeless. All of Teresa's songs have a powerful message about today's society. "Silence," gets the message across quite clearly while still being a very good song.

"Cry Murder," is another moving and explosive song. It seems to be an outrage against all violence in today's society. The song is very hard and moving. A great song with a meaning.

"Beyond Control," is a song dedicated to the passengers and crew of



Explosive...

With their first album, Harlow is making a powerful impact on hard rock music by addressing today's social issues.

Pan Am Flight 103 that was shot down by Iraqis. It tells of how the general public has so easily forgotten about the incident. "Beyond Control," also says that things can be controlled by people and not politics. A good statement for today's world situation.

Every song on this album is very good in its own right. Each song is musically precise and Teresa's powerful voice adds to the overall surprise of something new and original. Harlow is an upcoming band with a lot of potential.

## The latest album by Jude Cole, A View From Third Street, is setting new rock standards

by Joseph A. Salerno  
Aeronautics Editor

Musical trends change daily, and new styles come and go as fast as today's generation can change their mind. But you've got to face it, there's nothing like good rock n' roll to tell the truths about life. Jude Cole's second album, A View From Third Street, satisfies the rockin' appetite in all of us, and leaves the listener painting for more.

The album is a collection of ten songs written while Cole lived in a second floor apartment overlooking

to "Ellay", California, and within in days of his arrival, Jude became the lead guitarist and co-lead singer of Moon Martin and the Ravens.

The band went on to release two albums, and toured the world with everyone from The Police to Joe Jackson to Blondie, before Jude made a switch and joined the cult British band, The Records. He later settled into the role of hired gun, touring with Australia's Billy Thorpe, and with Del Shannon, Dwight Twilley and others, never losing sight of his dream of a solo career, always coming closer to

his goal as his songwriting progressed. Eventually, after Dave Edmunds recorded one of Jude's songs on the D 7th album, Jude, armed with demos and determination, signed with Warner Bros. Records.

**Jude's first guitar was a \$5 job with strings two inches off the neck, and by age 9 he was singing in country bars. By age 13 he fronted the regions most popular sock hop band, and relates, "I never went to dances to dance, only to play."**

Jude gained confidence to persevere as a soloist from his 1987 self-titled debut album, produced by Russ Titelman, which validated his faith in his own music.

"In the '80s, the rockabilly thing I enjoyed so much had been replaced with a slick schmaltz sound," says Jude. "The twang bar was coming in and what I liked was going out."

In preparing for his next release, Jude took his time and moved into the flat on 3rd Street to settle down for several months of hard work. "I wrote 88 songs in two years, all a reflection of my life or of my friends. The songs are very close to me, but I don't think someone would gather that from listening to the album. I tried to lighten up a serious subject." After seven months of toil, the album was at last completed to Jude's satisfaction.

Jude proves to be an excellent guitarist on the album with a pleasant voice too. The backbeats, supplied by drummers Pat Mastelotto, and Jeff Porcaro on "Compared to Nothing," are powerful and deep and provide a

see Jude, page B7

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Photo Courtesy of Elek Records

## Havalinas go back to grass roots of rock

by Brian Gerk  
Business Manager

The Havalinas don't want to be categorized. "I never try and describe the band to anybody," says drummer Charlie Quintana "you've just got to hear it."

Disclaimer aside, the self titled *The Havalinas* debut album is a captivating mix of country oriented harmonies with a gritty tough edge.

Lead singer/guitarist Tim McConnell, formerly of the New York punkabilly band the Rockats, joined with Dennis "Smutty" Smith and Charlie Quintana to form a group which brings new meaning to the often abused cliché "cow-punk." The lack of any heavily produced songs on *The Havalinas* lends credence to their spirited sense of integrity. McConnell's respectable songwriting delves into issues mostly concerning the blight of the big city. Without stooping to rhetorically moot philosophical points, he brings us into the various worlds of the dis-

enchanted. The Havalinas' use of predominantly acoustic instruments is commendable.

The opening cut off of the album is "High Hopes," a literal interpretation of the ill-fated American dream.

Producer Don Gehman, whose credits include R.E.M. and John Cougar Mellencamp bravely

**"I never try and describe the band to anybody," says drummer Charlie Quintana "you've just got to hear it."**

weathers the pressures to over-produce an album that needed little or no mixing. It is too easy to try to improve something that

is already good, and Gehman is able to preserve the original feel of the music. The use of narratives in *The Havalinas* music is riveting, as McConnell expertly controls the tempo of the music. In "Jesus & Johnny," he tells the listeners of a typical drug-deal-gone-bad. He viciously attacks racism and stereo-typical judgements in "Sticks and Stones," without losing his objective creativity.

The Havalinas warrant attention, and despite the sad lack of shelf space in local record stores, you might be able to find this album. Buy it.



Photo courtesy of Warner Bros.

Ahhhh!!!!!!!

Sam Kinison's new album is out. The album has Sam's usual family humor and some studio recorded songs.

## Controversial comic releases new album

by Ron Roberts  
Photography Editor

Sam Kinison's newest album, *Leader of The Banned*, is upholding Sam's reputation as one of the most controversial comics in America. *Leader of The Banned* also contains four cover tracks by Sam Kinison and his band, The Outlaws.

The comedy is live and pure Kinison. Sam's harsh language and offensive jokes created his reputation and have led to other comedians copying his style. "There have been a few other comedians who have jumped on my bandwagon," says Kinison. As for their chances of success, he says, "they might as well put on a hat and ask Jessica Hahn for a date to the drive-in."

Concerning his new musical releases, Kinison has put a lot of time and money into making perfect studio tracks. He devoted just as much energy into editing the tape as he did with the live performance. "Just ask the women I live with," he says.

The first side of the album is his

new stand-up routine performed in Las Vegas. The second side contains four cover songs: Cheap Trick's "Gonna Raise Hell," Mountain's "Mississippi Queen," Rolling Stone's "Under My Thumb," and AC/DC's "Highway To Hell."

The lyrics to "Mississippi Queen" have been rewritten to tell the story of Jim Bakker (AKA Prisoner Number 06-8493). It's told from the point of Jim and it's very funny. The other songs are very well done and although no covers are as good as the original, these are excellent covers.

Most of the comedy is unprintable, but one extremely funny part is when Sam finds that a woman has broken an audience member's heart by sleeping with his best friend. He then calls this woman to let her know just what he thinks of her.

Overall, this is an excellent comedy and music album. With this original combination, Sam Kinison promises to keep his title as "Leader of the Banned."

## Grant Hart returns with psychedelic debut

by Brian Gerk  
Business Manager

He is the man that brought down Hüsker Dü, breaking up the trio that had changed the face of alternative music in the eighties. Grant Hart was the drummer and songwriter for the hardcore influential band that had swept through the college market with an awesome ferocity.

Despite being part of a band that never gave in, Grant Hart finally did. After Hüsker Dü released *Warehouse: Songs and Stories* in 1987, lead guitarist Bob Mould called it all off, citing Hart's abuse of heroin.

Hart confirmed the allegations, but bitterly denied that he should be blamed for the group's demise. He maintained that he had cleaned up his act as soon as it became a problem, but Mould held firm.

Mould was immediately signed by Virgin Records, soon releasing his successful solo album *Workbook*. Hart stayed with the faithful indie label SST and released a three song CD: 2541, a tantalizing taste for what was soon to come.

With *Intolerance* Hart shows us a side of his

musical ability that had previously been concealed by the frenetic, distorted, guitar laden tracks that put Hüsker Dü on the musical map of the world. Sole credit for *Intolerance* goes to Grant Hart himself, redubbing tracks hundreds of times to achieve the effects he wanted. Only Todd Rundgren rivals such a solo effort with his vocal-only *A Capella*.

Flexing his creative muscles has allowed Hart a large degree of latitude in songwriting. The funky rhythms that Hart displays on *Intolerance* engage the listener in complex acoustic tapestries woven without the help of any digital sampling devices. If Hart uses any keyboards, it is generally a rich organ or piano, backing up his unpretentious vocals.

*Intolerance* is cheerfully upbeat. Aside from the remix of "2541" (the address of the warehouse that the Hüskers practiced in) Hart seems relatively unperturbed by his solo status, and goes to great lengths to make this a genuinely addicting piece of work.

We are dragged back to the best parts of the seventies with this album, some of the cuts have a positively Sly Stone touch to them, with Hart slowly drawing behind his simple yet catchy bass

chords and jangly guitar. At other times we are treated to a hypnotic combination of organ and guitar oriented songs, picking up the pace to a fever pitch and then slowing it down again with nary a missed beat.

Hart occasionally lapses into bizarre sound effects, ending one song with a "hang up the damn phone" tone so real I challenge the first-time listener not to sneak a peek to make sure that they have not indeed left the phone off the hook.

Hart also ends "You're The Victim" with the sounds of power tools at work, if there is a subtle meaning behind this, I admit it passed me by. The most dramatic example of Hart's production and musical expertise though is with the last cut of the album "Reprise," smoothly blending the random sounds of a snare-drum into a cacophony of sound that gradually resolves itself into an apparent fireworks display.

Though this is merely frosting on an already delicious cake, I am awed by the amount of effort that Hart dedicated to this album. There is no substitute for hard work in music, the long term investment is invaluable, and so is Grant Hart.

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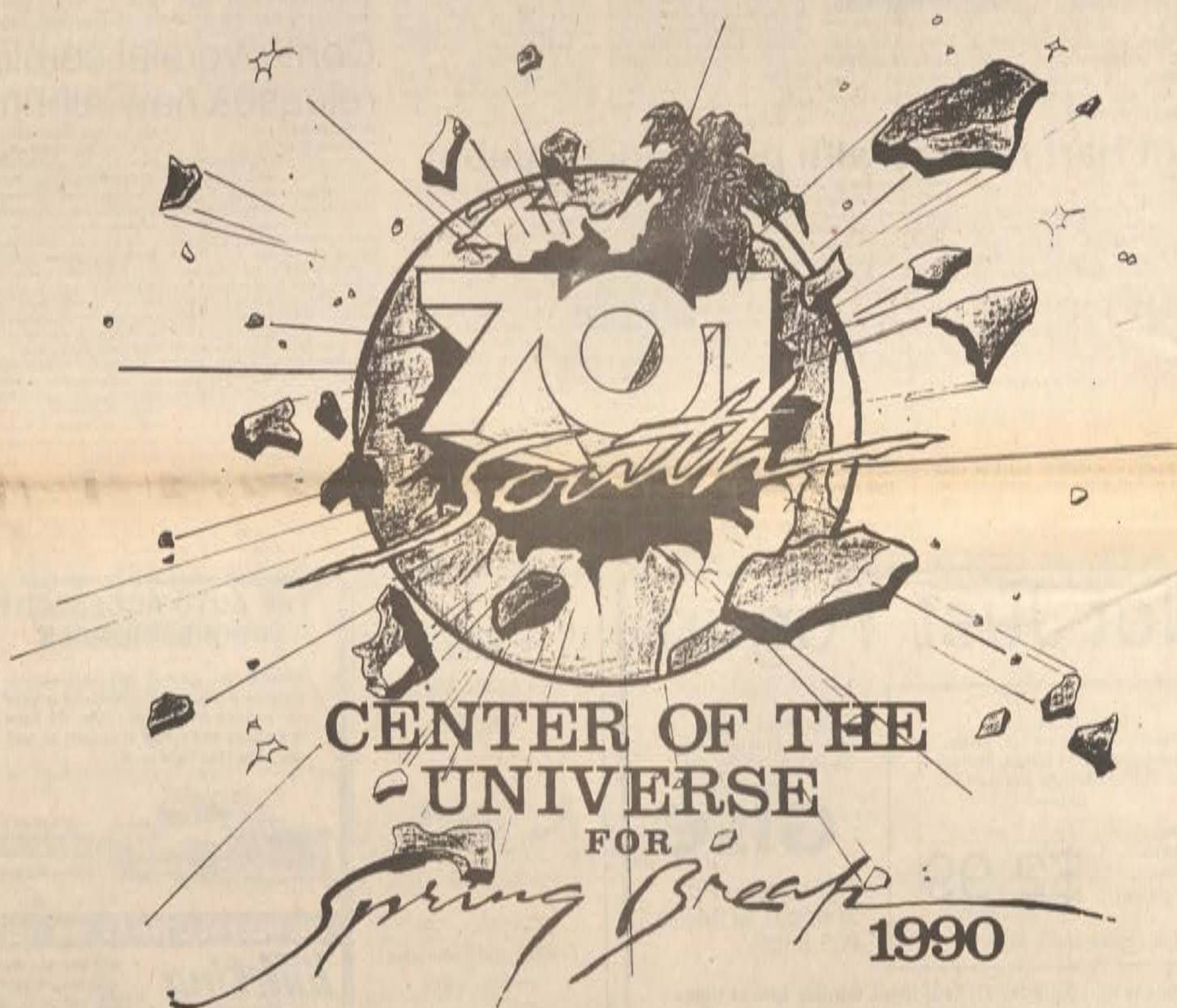
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