

3-21-1990

## Avion 1990-03-21

Embry-Riddle Aeronautical University

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The Hubble Space Telescope will be the primary payload of STS-31

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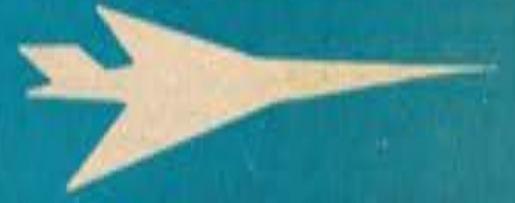
Seniors to be honored at Academic Achievement and Involvement Luncheon.

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John Wesley Harding takes his solo act on the road.

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# Avion



An Award-Winning Newspaper by Students for Students

Volume 64, Issue 9

Embry-Riddle Aeronautical University, Daytona Beach, Florida

March 21, 1990

## Baseball's opening day set for April 9

by Ben Walker  
AP Baseball Writer

Break out the bats and balls. Just three weeks until opening day. Baseball's owners and players announced agreement Monday on a four-year contract, ending the sticky salary arbitration dispute that had threatened the 1990 season.

The settlement stopped a 32-day lockout and cleared the way for spring training to start Tuesday, but came too late for the season to begin on time. Now, the season is set to start on April 9 - a week later than scheduled - in Boston's Fenway Park. All teams are now scheduled for 158 games, but Commissioner Fay Vincent said he hoped each would play the usual 162. "We are hopeful these games can be made up," Vincent said. "And we expect there will be considerable effort made to avoid having the asterisk next to the season." Most likely, CBS-TV will decide whether the missing games can be made up. Baseball would like to add the games at the end of the season and push back the postseason playoffs by a few days, but the television network holds the rights and must approve the move.

Deputy commissioner Stephen Greenberg said CBS officials indicated they might be willing to accommodate the shift. In the meantime, exhibition games will start March 26. Officials had said it would take 10 days of spring training before games could be played, but decided to speed up the timetable. Even so, the abbreviated practice time might cause problems. "Obviously, we would like it longer," American League President Bobby Brown said. "We realize all of the pitchers and players might not be in as good as shape as they might be, but we're confident that by April 9 we'll have a pretty good product."

By then, opening day will have been delayed for just the second time in history. The other delay came in 1972 after a players' strike, and each

team lost a week's worth of games. Sunday's settlement ended the second-longest work stoppage in baseball history and put an end to an often-bitter debate that began on Nov. 28. It took 34 bargaining sessions to get an agreement, and the final one was a marathon that began around noon and didn't end until almost 6 a.m. today, although the basic agreement was reached at about 10 p.m.

The pact establishes a \$100,000 minimum salary for major league players. It provides for an annual \$55 million contribution by owners to the players' pension fund. The owners succeeded in keeping team rosters at 24 players this season, but they'll be

**The deal reached Sunday makes 17 percent of the players with between two and three years of service eligible for arbitration...**

expanded to 25 in 1991. The deal also means that baseball will announce plans within 90 days for the National League to expand to two more cities. But the biggest fight was over salary arbitration, the system by which players who fail to reach agreement with their teams over salaries can take the issue to an independent arbitrator.

Currently, arbitration is an option only for players with at least three years' of service; the players wanted to include those with two years' experience. The deal reached Sunday makes 17 percent of the players with between two and three years of service eligible for arbitration.

Those players must have spent at least 86 days on the roster in the previous season. "It is a compromise," management negotiator Chuck O'Connor said at 6:15 a.m. as he announced the details. Union chief Donald Fehr agreed. "It has been a long process and often a tortuous one."

The task now is to heal the wounds of the past," he said. Already, 362 of 410 exhibition games have been wiped out. The spring cancellations have been harmful to local economies in Florida and Arizona. It was estimated a total wipeout of spring training would have cost Florida about \$300 million and Arizona \$100 million.



## Skydiving Club drops in on show

by Joseph A. Salerno  
Aeronautics Editor

"It's just God and you out there, and you get a real good idea of the real you," said Dr. Paul Brann, advisor to the Embry-Riddle Sky Diving Team, about the experience of jumping out of a plane. The team made an exhibition jump on Sunday, March 18, for the Spruce Creek Living Community's car and air show.

Three of the team's members, Eric Aubin, Kim Baumgartner, and John Goscinski jumped from a Cessna 172 and performed an accelerated free-fall maneuver. After falling for a short distance, the team opened their parachutes and spiraled to a soft landing in front of the crowd. The landing area was in the center of the Spruce Creek Airport which serves the community's private pilots. After touching down the jumpers packed up their chutes, which were rectangular ram-air sails. The ram sails are more maneuverable than the standard military round chutes.

The plane was flown by Birgitte Hallett of Skydive Deland where the team often rents their planes and makes their jumps.

"I believe that people need a better understanding of the excitement involved with skydiving," said Dr. Brann. "I think that there is more of a future for skydiving and parachutes than most people realize. This field still holds a lot of potential for future development, even in airplane designs."

Dr. Brann currently has a total of 1,377 jumps under his belt, with landings on such places as a runway, a chicken coupe, and a church roof. He commented that jumping is a great way for one to get to know one's self.

Spectators at the event were treated to outdoor cooking, an airshow, and a car show. Antique cars of all kinds, including a number of old Corvettes and Road Runners, were displayed.

The team will be competing at the Spring Fling during the last week of April, held at Skydive Deland.

### Falling from grace...

Eric Aubin, Kim Baumgartner, and John Goscinski arrive at the Spruce Creek Living Community's car and air show. The Skydiving Club members performed several maneuvers for the crowd.

## X-31 rolled out at Rockwell's Palmdale facility

by Joseph A. Salerno  
Aeronautics Editor

The first of two Rockwell/MBB X-31 Enhanced Fighter Maneuverability aircraft was rolled out, March 1, at the Rockwell International's Palmdale, California Aircraft Assembly Complex. The aircraft is powered by a General Electric (USA) Aircraft Engines' F404-400.

The F404-powered X-31 experimental aircraft program will evaluate the tactical benefits of controlled maneuvering beyond the aircraft's lift limit. The capability of thrust vectoring will be required for the maneuvers planned for the aircraft, and approximately 400 test flights are currently planned for both of the aircraft.

The program is jointly funded by the U.S. Defense Advanced Research Projects Agency (DARPA) and the West German Ministry of Defense. The development of the aircraft is another joint effort between co-developers Rockwell International and its West German industrial partner Messerschmitt-Bolkow-Blohm (MBB).

The F404-400 engine, an augmented turbofan in the 16,000 pound (71 kN) thrust class, was provided to Rockwell by the U.S. Navy. The engine went into production in 1980 for the U.S. Navy

and U.S. Marine Corp's F/A-18 Hornets.

"Selecting the F404 demonstrates our customer's confidence in the engine," said J.L. Browne, general manager of GE's F404 Project Department. "The F404 is a proven powerplant that is in use

around the world, providing high reliability, operability, and maintainability. We are confident the F404 will provide the power and responsiveness required by the X-31 for evaluating improvements in close-in combat maneuverability and agility for the future fighter aircraft."

F/A-18s for the Canadian Forces, Royal Australian Air Force, and Spanish Air Force are all powered by the F404 engines. For F/A-18s for the governments of Kuwait, Switzerland, and the Republic of Korea (ROK), a growth model of the F404, the F404-GE-402 Enhanced Performance Engine (EPE) has been selected.

In addition, the U.S. Navy plans to use the F404 EPE for its F/A-18 aircraft beginning with 1992 deliveries. The F404-GE-100D, a non-afterburning version of the F404 powers the Republic of Singapore Air Force (RSAF) Super Skyhawk. Other F404 engines include the F404/RM12 developed by GE in partnership with Volvo Flygnator for the Swedish Industrial Group's JAS 39 Gripen, the Grumman X-29 Advanced Technology Demonstrator, the French Dassault Rafale flight test aircraft and a derivative, the F404/F2J3, selected for India's Light Combat Aircraft flight test program.



### Beyond its time...

The X-31 Enhanced Fighter Maneuverability aircraft will provide revolutionary combat aircraft capability data for future development.

## MTV winner hospitalized

COLUMBUS, Ohio (AP) The winner of an MTV network promotional contest who was injured in a crash of his prize BMW car remained in serious condition at a hospital Tuesday. John D. Rogers, 23, of Chillicothe, was in Grant Medical Center in Columbus, showing signs of a minimal amount of movement in his legs, spokeswoman Donna Wilson said.

She indicated it is too early to determine whether his condition will change. Rogers complained after Sunday's crash that he was unable to move from his waist down, said Lt. Dave Large of the Ross County Sheriff's Department. Rogers was the only winner of an MTV promotional

contest called "Foreclose on a Yuppie."

Rogers' lifestyle had not changed noticeably after he won the BMW, a 32-inch color television, a stereo system and a check for \$150,000 in early January, said his mother, Judy Rogers.

Her son put most of the money in the bank and continued earning a living by doing odd jobs, she said. MTV arranged with David Hobbs BMW of Columbus for Rogers to pick up his new car, the spokesman said. MTV mailed Rogers his TV, stereo and check. Rogers was alone in the car on his way to a girlfriend's home when the accident occurred.



Aeronautics

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Lockheed's SR-71 ends its 25 year career with a record breaking performance . . . page B2

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Intelsat VI was unsuccessfully deployed by a commercial Titan last week . . . page B1



Space Technology

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Editor-in-Chief  
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Business Manager  
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Correspondence may be addressed to: The Avion Newspaper, Embry-Riddle Aeronautical University, Daytona Beach, Florida 32114. Phone: (904) 239-6049.



## HOW TO FIND AN ERAU STUDENT ON HIS SPRING BREAK

### Editorials

# Self-Study is crucial for students

Embry-Riddle Aeronautical University will be reviewed for re-accreditation in 1992. This process is performed by the Southern Association of Colleges and Schools (SACS).

Universities are re-accredited every 10 years. If Embry-Riddle becomes re-accredited in 1992, it will only be the third time for this University. The first time was in 1972.

Many students do not realize the importance of this process. Some of the comments I have heard from students have been pretty shocking. One I heard was "I do not see why we need to be accredited", and another one was "We should have no problem getting re-accredited".

The fact of the matter is that the University had problems getting re-accredited last time and if we were not to be re-accredited, the consequences would be very damaging, both to the University and the students.

For example, a university here in

the South recently lost their accreditation. Immediately afterwards the enrollment

dropped by 50 percent. The above mentioned University lost all their federal funding.

Students who are graduating from a university that is not accredited can not go on to get a masters degree. Of course, the worst thing that can happen is that graduates have a harder time getting a job.

The way our university gets re-ac-

creditation, along with all others, is through a process called Self-Study. This is where the Steering Committee comes in. The Steering Committee is responsible for studying all functions of the university and making an analysis before the SACS pays their next visit to the University.

This is truly the most important thing the University has to do over the next two years. The Self-Study will cover the Institutional Purpose, Institutional Ef-

fectiveness, the Educational Program, Educational Support Services, and the Administrative Processes.

The school is not in a spiral dive, but they do need input from students, faculty, and Alumni. If you are a student, you are being represented by a student. If you wish to give him your input, write to me, David Fekke, Box 3546.

The Self-Study will require several different committees, many of these committees will need a student representative. It would be best if these students were not SGA representatives or members of any SGA division. The reason for this is that all these people are representing particular segments of the student body.

We need students that are concerned from a general point of view. If you want your voice heard, or you are just curious, please write to my box.



David Fekke  
Diversions Editor

### Letters to the Editor

#### I want my Tech Report Writing!

To the Editor,

I wish I had a nickel for every time I've overheard this conversation:

"I have to take technical report writing next semester."

"Oh man, that class is a b\_!"

"I can't believe they make us take it."

"Try to get Professor Layback, he's easy."

I entered my TRW class with similar apprehensions, but in light of some new developments, I would have to scratch all of my old complaints off the list and add a new one:

"You mean there is only one course available?!"

When I was in high school, I was convinced that many of the required courses were nothing more than a subtle form of torture, a way for the teachers to get even with me for all the grief I had to memorize a pile of geometric theorems? Not surprisingly, my parents could think of lots of reasons. "You may not believe it," they could say, "but someday you are going to need to know all of this stuff." Yeah...right.

After graduation, I took a job in a cabinet shop. My first assignment was to cut a stack of solid oak stock into tiny little squares. My new boss demonstrated the process on the radial arm saw and shouted over the drone of powersaws and nailguns, "Accuracy counts, but we don't have all day, so take your time but hurry. We need enough of these to glue around the edge of that table over there. This stuff is expensive so cut

only as many as you need." I looked at the table and stood for a while in stunned silence. It was round. In a state of near panic, I booted up the old memory banks and requested the proper theorem. My brain answered indifferently, "File not found."

I wrote off the "round-table" incident, convinced it was a fluke. After all, even my parents were capable of a lucky guess every now and then. ... after ten years of flukes and lucky guesses, I came back to school, ready to update my files.

I was recently invited to provide a student's viewpoint on our school's TRW program at the Sixth Annual Florida Technical Report Writing Conference in Orlando. There was a free lunch, so needless to say, I was there. From the very beginning, I was impressed by the featured speakers, participants, and other students. As the day went by, however, I was gradually overcome by an insidious sense of dread. It was like I was standing next to a river of information and every now and then a piece would float by that I could grasp. In other words, I was eating dust. I came away with a new realization that we at Embry-Riddle are sitting ducks.

Aviation is a highly technical field. If you haven't figured that one out, go home. The majority of aviation-related jobs require a great deal of expertise in technical communication (yes, this includes pilots). We will be competing against graduates of other schools for those jobs. I've seen our competition first-hand, and let me tell you, I wouldn't want to buy a ticket in that game.

Imagine that two tourists decide to vacation in France this year. One tourist learns to speak French flu-

see Letters, page A11

# Student apathy reigns supreme



Jason Simon  
Data Technology Editor

Most of the time the editorials section of this paper is used to harp on the numerous problems in our administration. Or how the safety department spent \$25,000 to fine students for parking head out instead of head in in our meager parking lots.

However, this week I shall address certain people on this campus who are even more pathetic than the administration, those who truly do not give a damn about this campus yet complain incessantly when things go wrong.

No, I am not talking about the executive board,

I'm talking about NINETY PERCENT OF THE STUDENT BODY ON THIS CAMPUS!

You, probably one of the lazy ninety, are wondering how I base this assumption, right? You gave yourself away when you were too lazy to get up off your butt to vote last week. The SGA elections are vital to this campus and you failed to exercise your God given right to vote.

As a candidate in the election, I was able to observe just how most students appreciate what goes on at this campus. The truth is you are too lazy or stupid to care. I handed out many fliers to hundreds of students and I was appalled at how students reacted to the fliers and the elections.

Students ripped up, trashed and mailed my attempts to get any form of point across. Even Air Force and Army R.O.T.C. cadets came right out and told me that they didn't care. It's nice to know that these future officers of our armed forces really do care about democracy!

Many students also told me that they didn't have the time to vote. What a lie, it took all of thirty seconds to make an accurate decision on who they would like to choose.

Although campaigning was illegal in the University Center, I was amazed at the amount of students who were too lazy to vote after finishing their plate of Morrisons "gourmet" food. The ballot box was right in front of them.

After the vote I talked with a few colleagues and they proceeded to tell me that they had no idea when

the vote was - my response: ARE YOU BLIND? The banners had been hanging in the S.C. for over a week and there were numerous campaign fliers all over our campus.

The elections are over and it appears that democracy lost once again to the stupidity of our students. I was elected to the student government and now I look forward to a long year of complaints from other students about the "horrid" conditions at this school.

You will complain about the food, the parking, the rising cost of tuition and the uncaring administration. The truth is that you had your chance to express your feelings and failed miserably. Maybe the wrong people were elected to the SGA and, if you would have voted, there might be other people in the elected positions if you would have cared.

Last week Joe Cambron wrote an editorial on how if we do not vote, we spit on the efforts of those who seek the right to vote.

If this were true, Embry-Riddle probably would have dumped tons of saltpeter on the fires of democracy in the European nations, wiping out the flame of freedom. Worst of all, you spit on yourselves for not getting involved.

You have proved to me that the people in this country can be worse than the communists, you can be worse than the flag burners, you are ninety percent of our student body!

*You, probably one of the lazy ninety, are wondering how I base this assumption, right?*

### Student Forum

The Avion asks: Do you think ERAU should have a radio station?



Kurt Whitehouse

I think the school could put the money in other places much better than a radio station.



Mark Rhodes

Sure, why not? It could be interesting. It would help spread information.



Brian Voghell

I think it would be a good way to tell people what's going on around campus.



Andrew Stieber

I think they should. It would broaden the ideas of Riddle.



Brian Langan

Yes, cause most other colleges have radio stations and it would give ERAU a new field.



Corey Mahjoubian

Sure, I think they should. It's getting to be a big enough school.



# Soviets conduct maneuvers in 'independent' Lithuania

MOSCOW (AP) - Soviet military jets repeatedly streaked over the capital of Lithuania during military maneuvers Sunday, one day before a Moscow deadline demanding that the Baltic republic renounce its declaration of independence.

At the same time, however, Soviet President Mikhail S. Gorbachev struck a conciliatory tone, saying he still planned to talk with the Lithuanians about returning to the Soviet fold. And he said there had been no ultimatums. "We will carry on the dialogue," Gorbachev told reporters Sunday after voting in runoff elections, which were held in Russia and other parts of the Soviet Union's Slavic heartland.

Also Sunday, 50,000 to 100,000 Lithuanians demonstrated against independence at a rally in Vilnius, the Lithuanian capital. Soviet television said the demonstration included calls for civil disobedience and for the creation of workers' squads to secure order and defend socialist property against the secessionist government.

The size of the protest, shown on national television, damaged the Lithuanian government's claim that the population fully supports secession.

Gorbachev has said he is concerned for the rights of non-native residents and fears that splitting the Soviet Union would prompt hundreds of thousands to migrate.

On Sunday, he continued to insist that Lithuania's March 11 independence declaration was illegal and must be decided by the entire Soviet Union, not just the republic. He said economic, political, cultural and technical ties were too strong to tear apart and "human contacts have become particularly deep." He added that he would work for

a new federation agreement that would satisfy everyone.

The Soviet military maneuvers surprised the Lithuanian government, parliamentary spokesman Vladislovas Panumis said in a telephone interview.

But military officers told Lithuanian President Vytautas Landsbergis that the training had been planned in advance.

A Westerner in the Lithuanian capital, Vilnius, said it was unclear whether there were many planes landing at a military base or whether it was just one or two jets making repeated passes over the city. The Baltic Tribunal, an emigre newspaper in Copenhagen, says there are eight military bases in Lithuania, including one near Vilnius. At least 1 million Soviet troops are believed to be stationed in Lithuania, which is on the Soviet Union's western border.

Another parliament spokesman quoted Lithuanian Premier Kazimiera Prunskiene as saying the military maneuvers on the border with Latvia and in southeastern Lithuania seemed to be routine and there was no cause for concern.

Telephone communications between Lithuania and the West were out of order Saturday and Sunday, but it was possible to telephone to the republic from Moscow. A shift supervisor for the Moscow central telephone office said

the international telephone channels to Lithuania were closed down Saturday for maintenance work and she had no idea when they would be restored.

The Soviet Parliament on Thursday directed Gorbachev to defend Soviet interests and citizens in the Baltic republic of 3.8 million. It declared the Lithuanian move illegal and

the Soviet Constitution still in force. Gorbachev on Friday sent Landsbergis a telegram giving him until Monday to respond to how the directive is being realized.

He did not say what the Kremlin would do if the Lithuanians refused to respond. He and his aides say they have ruled out the use of force.

On Sunday, Gorbachev said the telegram was not an ultimatum. "I think we shall receive a reply from the authorities of present-day Lithuania and, depending on what it is, everything will become clear."

The character and content of the answer will define our next steps," he said. "We shall act responsibly with a view to realizing the aspirations of the Lithuanian people from the viewpoint of strengthening their independence and sovereignty, but at the same time, within the scope of cooperation with all republics," he said.

Landsbergis and aides met Sunday to draft a response stating that Lithuanian law will observe the legal rights of

the Soviet Union and protect national minorities.

On Saturday, Landsbergis appealed to democratic nations for official recognition of his new government. Meanwhile, a military helicopter had dropped leaflets on Vilnius calling voters to an anti-independence rally on Sunday.

Demonstrators at the rally called the newly elected Lithuanian parliament's declaration of independence "an anti-constitutional coup."

I. Kucherov, a Communist Party member who remained loyal to Moscow when the majority of the Lithuanian party split from the Soviet party in December, said on the evening news show "Vremya" that he called for civil disobedience and for government workers to refuse to carry out separatist orders.

The crowd was estimated at 50,000 by a correspondent and at 100,000 by Soviet television and the Lithuanian Interior Ministry. The leaflets dropped by the helicopter stated: "Who asked if we agreed?" according to one read to The Associated Press over the telephone by Gintautas Alksnes, a member of Sajudis.

The leaflet accused the independence activists of representing "those who owned bourgeois Lithuania and disposed of the fates of people, sold Lithuanian land and factories to foreign capital and cost hundreds of thousands of Lithuanians their jobs, forcing them to flee the country in search of bread."

The leaflets also demanded a referendum on the question of independence, which was declared a week ago by the first freely elected parliament in Lithuania in 50 years.

*"I think we shall receive a reply from the authorities of present-day Lithuania and, depending on what it is, everything will become clear."*

Soviet President Mikhail S. Gorbachev

## Study finds crime hits one in three undergraduates

TOWSON, Md. (AP) - One in three U.S. college students is the victim of crime at least once while an undergraduate, according to a Towson State University study.

Although few colleges currently release campus-related crime statistics to their students, a U.S. House bill would require all colleges and universities that receive federal student aid to provide students with crime statistics.

The 11 institutions under the University of Maryland System already provide the information. "Colleges and universities, and their environs, are high-crime districts and most students don't know it," said Dana Getzinger, a University of Georgia student who was stabbed in her dorm room by a masked intruder.

Getzinger testified on behalf of the bill before a House panel Wednesday. "If a student is aware, the proper

*"Colleges and universities, and their environs, are high-crime districts and most students don't know it..."*

Dana Getzinger

precautions can be taken to prevent vulnerability. This information should be guaranteed by law," she said.

Currently, 352 of the 8,000 colleges and universities receiving federal aid voluntarily provide crime statistics through the FBI's uniform crime statistics, said Rep. William Goodling, R-Pa., the bill's sponsor. "We have no comprehensive data on campus crime," said Goodling, who

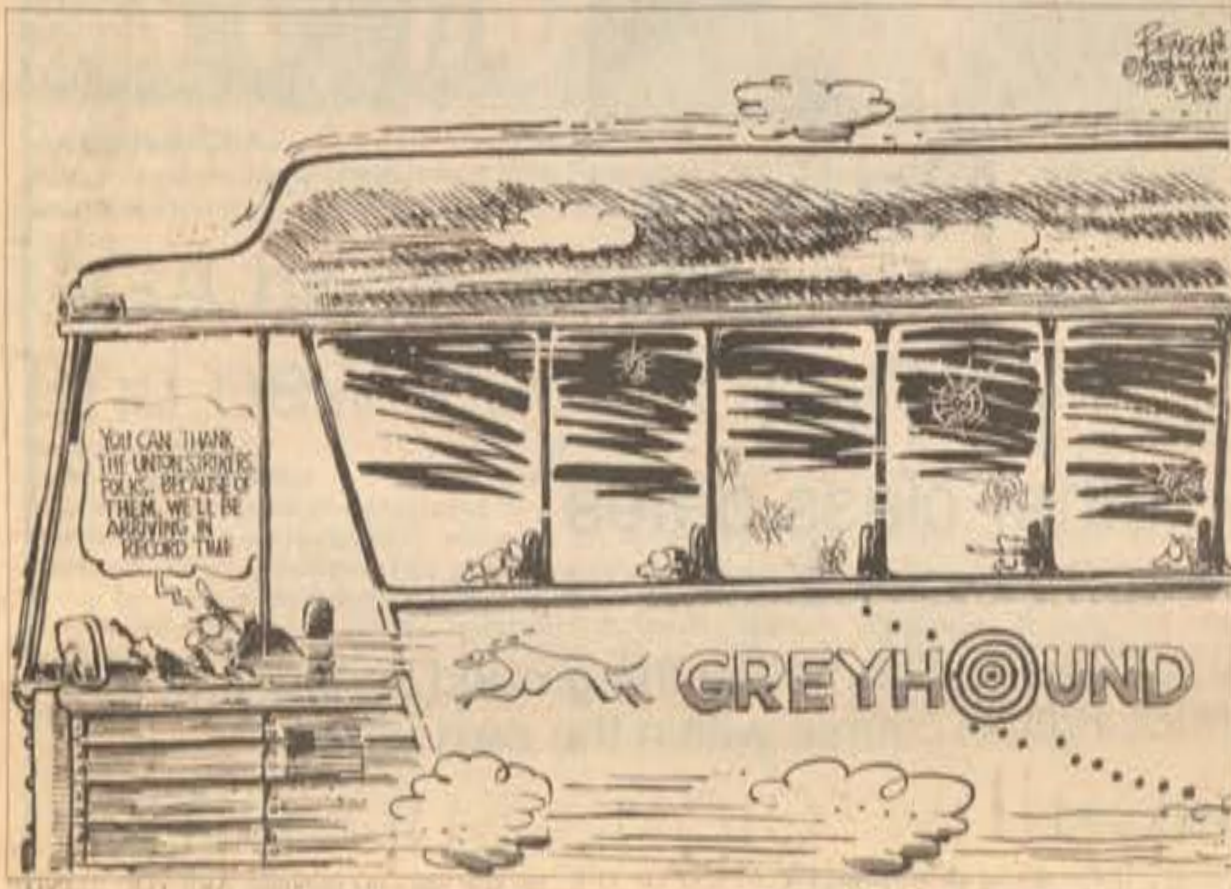
termed the measure "a consumer right-to-know bill." A similar measure has been introduced in the Senate by Sen. Arlen Specter, R-Pa.

Morgan State University and St. Mary's College also provide their students with such statistics, said state officials.

Johns Hopkins University, however, releases its crime statistics when students or faculty members request them, but the information is not made public, according to spokesman Ron Sauder.

Studies conducted by the Center for the Study and Prevention of Campus Violence at Towson State show that 36 percent of college students are victims of crime at least once.

But the number could be as high as 45 percent, said Dorothy G. Siegel, the center's executive director.



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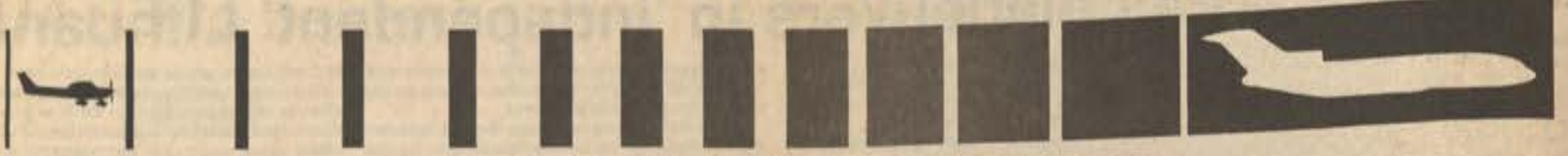
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# Employee Assistance Program implemented at ERAU

by Phyllis A. Salmons  
Special to the Avion

Faculty and staff in supervisory roles at Embry-Riddle were required to attend one of four educational sessions this week designed to explain the new "Employee Assistance Program" (EAP) recently implemented for our organization. The Employee Assistance Program is a comprehensive program designed to help Embry-Riddle employees who may be experiencing personal problems that may have an unfavorable effect on job performance and attendance.

The EAP is one component of the University's plan to address the issue of illegal drugs in the workplace, assist

our employees when appropriate and comply with all federal regulations to the issues.

The decision to provide the Employee Assistance Program was made upon the recommendation made by an Embry-Riddle Task Force in response to earlier decisions made regarding drug testing and substance abuse.

Dr. John Allen of the Allen Group, the presenter for the educational sessions, explained how the supervisors at Embry-Riddle can utilize the program as a valuable management resource. The program provides confidential, professional assistance to help employees and their families resolve problems that affect their personal lives or job performance. Besides being confidential, the

program is voluntary, designed to allow the employee or family member to seek personal help. Information is released only with the employee's approval in writing.

The Employee Assistance Program deals with just about any problem that can affect person's well-being, both physically and mentally, including the ability to perform at work. Examples might include alcoholism, legal complications, drug problems or stress/emotional difficulties.

A video entitled "The Troubled Employee" shown at the educational sessions states that it is estimated one in four employees have problems outside of the workplace that affect their jobs. Sometimes problems are beyond the

ability of all of us, as individuals, to solve, and we bring them with us to the job where they affect our performance. "Leave your problems at home" is easier said than done. Whatever the problem or its cause, we know that happiness and productivity are not likely to improve unless the basic problem is identified and treated.

The decision to seek confidential assistance must be made solely by the employee. If the Employee Assistance Program is chosen, one can be assured that no company record, other than the confidential EAP files, will be maintained indicating a referral, and whatever is discussed in the EAP office will remain absolutely confidential.

see Supervisor, page A11



### Congratulations...

SGA President Mary Heitger and Vice President Leroy Young present an award to Babbette Steimer for her achievements on the Student Finance Board.

## SGA hosts a reception for old and new student members

by Greg Naccarato  
Campus News Reporter

On Friday night, March 16, the Student Government Association (SGA) sponsored a reception to celebrate the year of hard work and dedication by the SGA representatives to Embry-Riddle Aeronautical University.

The party was held at the President's Residence in Ormond Beach, allowing those in attendance to talk and get to know those new representatives who won the elections last Thursday and mingle with top University officials.

The high point of the evening was the awards ceremony hosted by current SGA President Mary Heitger to recognize the outstanding efforts given by the divisions of the Student Government Association, followed by a comment by Maxine Kilgore and Scott O'Brien expressing their hopes for a great year.

Those candidates winning the SGA elections last week include Maxine Kilgore and Scott O'Brien for SGA President and Vice President; Niloufer Makudam and Shawn Mc-

Carthy for Aeronautical Engineering Reps; Richard Greenwood, Tammy Strout and Trisha Markowski for Aeronautical Science Reps; Jason Simon and Joseph Deeley for Aviation Business and Management Reps; Christopher McQuate and Victor Maga for Aircraft Maintenance Technology Reps; Robert Damsky for Dorm Rep; Ayokunle Abifarin for Foreign Students Rep; Scott Sorenkeh and C. Babbette Steimer for Student Finance Board; and Andrew Franklin for Student Court Chief Justice.

## Seniors graduate with honors

by Phyllis A. Salmons  
Special to the Avion

The Senior Academic Achievement and Involvement Luncheon will be held on April 27 in honor of those graduating seniors who have excelled in their academic and/or extracurricular pursuits while at Embry-Riddle Aeronautical University. To receive an invitation to the Luncheon, a graduating senior must have a cumulative grade point average of 3.5 or higher or must have served as President (or highest ranking student representative) of a University Club or Organization.

The Senior Academic Achievement and Involvement Luncheon provides an opportunity for faculty, administrators, and family members to express their appreciation of the hard work and dedication of these outstanding students.

The April Luncheon will be held at the Roof Restaurant of the Daytona Beach Hilton and will feature Professor John Phipps of the Flight Technology Department as the keynote speaker. Phipps has been with Embry-Riddle since 1977 in a number of capacities including Associate Chair, Flight Technology, faculty member, Flight Technology and Aeronautical Science, and adjunct faculty, Graduate Studies. Phipps also served as Interim Chair of the Aeronautics Department at the Embry-Riddle Prescott campus.

Phipps earned a Master of Business Administration in the following students will be honored on the basis of their outstanding academic achievement: Aviation and a Bachelor of Science in Aeronautical Science from Embry-Riddle and will soon be awarded a Doctor of Education degree from Nova University. Phipps holds and FAA Airline Transport Pilot Certificate (ATP-AMEL), a Flight Instructor Certificate (CFI-AMSE&IA) and Ground Instructor Certificate (AGI&IGI).

Professor Phipps exemplifies the qualities which are being recognized at the Senior Academic Achievement and Involvement Luncheon and he is sure to provide an excellent address for this event.

Editor's Note: The entire University expresses congratulation to each and every one of you for your outstanding achievements.

The following students will be honored on the basis of their outstanding academic achievement:

- Mark L. Allen
- Joseph M. Anthony
- Mark E. Benfield
- Allen R. Blair
- John D. Brannon
- Brett A. Brossell
- Robert J. Bukovac
- Jeffery Cantrell
- Gregory H. Church
- Douglas I. Clifton
- Paul K. Corp
- Amanda L. Endress
- Karen A. Forbes
- Stephen R. Gehman
- Erik W. Greve
- Anthony J. Hubbart
- Raymond R. Istenes
- Robert S. Jalali
- Barry C. Kessler
- Michael T. Kirlew
- John C. Kloppenburg
- Bradley E. Kotch
- Todd V. Mackey
- Madison McCulloch
- Mark R. Mehren
- John P. Neuser
- James J. Ouly
- Carl F. Paluck
- John M. Phillips
- Thomas S. Poplawski
- Nina M. Radosta
- John A. Rathman, Jr.
- Brett A. Ritter
- Christopher Rossi
- Michael S. Shaw
- Michael B. Sherriffs

Robert R. Townson, Jr.  
Kristofer S. Trunkett  
Robert A. Wood

The following students will be honored on the basis of their outstanding service to the University:

- Tracine J. Anderson
- Rene Barakett
- Christopher Bovais
- Peter J. Clukey
- Kevin J. Collins
- Steven J. Coppa
- Gregg Dudzinski
- Amanda Endress
- Gregory L. Fogleman
- Sean Gallagher
- Michael C. Garrow
- Mark S. Grock
- Nancy Gutierrez
- Steven F. Haddad
- Mary L. Heitger
- James M. Hyde
- David K. Indyke
- Raymond R. Istenes
- Alvin B. Jackson
- Christopher Logan
- Timothy S. Mullin
- Hensie Darren Page
- Milagros F. Ramirez
- John H. Rogers
- Joseph SantaLucia, Jr.
- Derrick P. Seys
- Edwin D. Slota
- David Spaller
- Michael S. Stauffer
- Carlos A. Vargas
- John Walts
- Robert T. Watt

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# Model US Senate attends debate

by Roger Corzine  
Clubs Writer

The Model Senate Club is one of the most prestigious clubs at Embry-Riddle.

Each year, an elite group of students is selected from the club to represent ERAU at an intercollegiate debate. The debate, known as Model Senate, is held at Stetson University. It is Florida's only college legislature.

At the Stetson Model Senate, students write, debate, and vote on legislation. Much of the legislation deals with national policies and laws. However, some of the legislation is specifically aimed at Florida and local policies.

Six students were selected to go to the Model Senate this year. The students were Pam Blake, Melyssa Conn, Roger Corzine, Todd Engelman, Walter Marek, and Carl Ramano.

Of these students, Walter was selected as Majority Whip and Roger was selected as Chairman of the Committee on Environment and Public

Works. Matt Van Buren attended the event as Club Photographer.

Pam Blake was assigned to be Senator Danforth, a Republican from Missouri. She was outstanding in committee and pushed her bill through. Pam's bill eventually passed on the Senate floor.

Melyssa Conn, was given the role of Senator Bumbers. As a southern Democrat from Arkansas, she was quite verbal on her opinions.

She attacked poor legislation and suggested amendments to manipulate other senators to her way of thinking.

As Senator Burdick, Roger Corzine was a

**The Majority Whip was Walter Marek. As Senator Cranston, he had the duty of finding committee and was nominated as Outstanding Committee Member.**

Committee Chairman and forced his environmental legislation onto the senate floor. His bill passed on the senate floor by an overwhelming majority.

Todd Engelman was the quietest Senator from ERAU. As Senator Bradley, he gathered support through quiet diplomacy.

The Majority Whip was Walter Marek. As Senator Cranston, he had



Photo by Matt Van Buren

### Speaking Up...

Pam Blake gives a speech to help pass a bill at the Model US Senate Convention held at Stetson University.

the duty of finding committee and was nominated as Outstanding Committee Member. He received an award for being Majority Whip.

Probably the most aggressive Senator from ERAU, Carl Romano had a lot to say in committee. As a democrat from Louisiana, he argued for protection of the environment. Senator Breaux would be proud of Carl for his role as Senator Breaux.

All-in-all, ERAU did very well at the 1990 Model Senate. Dr. Apperson, club advisor, said that she was proud of everyone who participated. The club has received invitations to attend Model U.N. in New York and also to attend the National Intercollegiate Congress in Washington D.C. Next year, the club promises to be one of the top political clubs of any in Florida.

# Mathematical Association of America hits ERAU

The Embry Riddle student chapter of the MAA (Mathematical Association of America) is one of the newest clubs on campus.

The MAA is open to all students interested in the theoretical and practical applications of mathematics. Membership benefits include the monthly magazine (College Math

Journal), graduate study program information, ability to participate in MAA conferences and much more.

The President of MAA is Snorri Gudmundsson and the faculty advisor is Dr. Shrinivas S. Dalal.

Several members attended the MAA Florida Conference in Orlando on March 3-4. Tim Meshginpoosh, a

senior in Aeronautical Engineering, presented a paper on the Current and Future Trends in Tennis Racket Design. While two distinguished faculty members, Dr. Aggarwal and Dr. Dalal, presented papers during the conference.

The MAA's next meeting will be on Thursday, March 15, at 1:30 p.m.,

in room C415. Dr. Tom Hilburn will speak on the computer modeling and simulation of aircraft arresting gear. Dr. Dalal has been responsible for forming ERAU's MAA chapter. For more information on the MAA, call Dr. Dalal at 239-6658 or stop by A247.

# CVC attends Rockfest '90

by Bruce Robbins and Steve Jacobs  
Clubs Writer

Hello again, Embry-Riddle. We just got back from the long awaited RockFest '90, and it was great!

The day started off in the early afternoon with speakers from local Christian institutions, like Channel 55, a Christian television station, con-

ducting seminars on various topics. This was followed by a time of games and other fun types of activities.

The night was topped off with a double shot of music starting with Signs of Life and followed by Powerline.

Coming up Saturday, March 24, we will be going to Dr. Wheeler's farm for the day. Isaiah 53:6

### 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.

# Sigma Pi extends thanks

by Joe Biancalana  
Clubs Writer

It must be spring break time again. Instead of the usual four minutes tardy to class, I'm now running twelve minutes late on the average. Evening trips to Taco Hell are right out. I guess I'll give up the \$.59 tacos for lent.

Thanks, James for the party last Saturday. Though your scheduled activities went off on a tangent, we still had a blast. Technical difficulties beyond our control were the culprits.

God bless Bonzo and Strauss as they both mysteriously went on to meet their maker. They will be missed.

Did you know that Niagara Falls is

eroding at a rate of two inches a year? That means 1,854,000 years from now, Buffalo will be a huge hole in the ground, a "water" Buffalo, if you will.

This week's brother of the week goes to Furl the Furl Furlan. And, DB of the week goes to Marling the mooch.

Mark, Matt, and Wildman did a superior job straightening out the back room. This Friday will be the grand opening of room, Club 103 East.

The Sigma Pi question of the week: Would you rather have all of Canada fall into the ocean or a paper cut on your lip?

Let us know. Call ALS-GERM (257-4376) to cast your vote. Results

# Management Club holds officer elections

by Michael Mackaman  
Clubs Writer

Officer elections were held March 13, the results are as follows: John Weber, President; Pete Knight, retained Executive Vice President; Laura Powderly, upheld Treasurer, and will be acting Secretary until the position is filled next fall. The positions of Vice President of Finance and Vice President of Operations have been eliminated. Congratulations to all the new officers.

Members will meet the new officers March 27. At that time, there will be an occasion for you to express your ideas to the club in regards to the upcoming year. Also, we will encourage you to volunteer your time, and participate in the many various committees within the club (this is a great opportunity to develop and prac-

tice those management skills).

There is a rumor going around campus that The Management Club is strictly business. To the contrary, ask any active member what we are all about, and he/she will tell you our club motto is: "We work hard, then we play hard". To prove a point, there will be a study break party in April. Join us for an anxiety and tension relieving good time. Let us know at the March 27 meeting what day you would like it on.

As a reminder: Assistant Manager, DAB Airport, speaking March 27, 7:00 p.m., in room E-611.

FAA Administrator, Admiral James B. Busey, IV (Retired), April 10. This is an invitation only/first come, first serve event. So when you receive your invitation, respond immediately to secure yourself a seat.

# Sailing Club commences intercollegiate competition

by David Paulter  
Clubs Writer

The Windsurfing/Sailing Club participated in its first inter-collegiate regatta this past weekend.

The club was invited to compete at Rollins College in Orlando against several other universities with established sailing teams. These schools included the University of Florida, and Southern Florida, Georgia Tech., and Rollins College.

Results of this event will be placed

in next weeks Avion, so keep an eye out for official standings.

The Summer Series was also started at the Halifax Sailing Association (HSA) this past weekend. The first series event was Sunday, and other subsequent events will be held in the future. Participation in this series will hopefully prepare Embry-Riddle's sailing teams for future events as well as teaching beginners the basics of racing through experience. Pray for wind!

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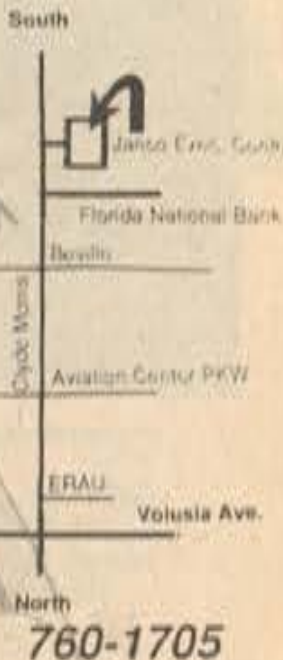
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# Late Eagle rally falls short to University of Wisconsin

by Bill Miller  
Sports Writer

The Embry-Riddle Eagles Baseball Team locked talons with the Indians from the University of Wisconsin last Monday night. The exciting action which took place was typical of the quality of play all last week during the First Annual Embry-Riddle Baseball Jam-boree. One of the best aspects of the game was the raucous fan support which rattled the Indians and almost gave the Eagles an impressive come from behind win.

Most of the game was a see-saw battle with neither team able to establish the upper hand. The Eagles drew first blood in the bottom of

the first inning. The Indians answered right back in the top of the 2nd, scoring two runs for a 2-1 advantage.

The Eagles had an answer of their own in the bottom of the second, also scoring two runs to take a 3-2 lead. In the top of the third,

Wisconsin was able to shake the confidence of starting pitcher Rob Guivler. The Indians scored four runs on seven hits in two innings and were able to take a substantial 6-3 lead. Neither team scored in the fifth inning. However, in the bottom of the sixth inning the Eagles spread their wings and the result was four runs and a 7-6 advantage.

After the first three batters drew free passes, shortstop Al Jackson came to the plate. Al

hit a scorching line drive up the middle, driving in two runs.

After the next batter popped out, the pitcher Rob Guivler came to the plate. Guivler helped his own cause by hitting a two run double to deep right field. If the wind would have been blowing out, Guivler's blast would have wound up in the waters of the Halifax River.

After the sixth inning, the other Eagles Baseball Team reared its ugly head. This is the team which commits error after error, which usually cheats the team out of the hard earned victory.

The first culprit was left fielder Vince Papke. Papke dropped a low line drive to shallow left field; and even though he had to cover a lot of turf to make the grab, he was in excellent position to complete the play. Papke was not alone in the error category.

He was joined by second baseman John Phillips and shortstop Al Jackson. In all, the

Eagles committed five errors. This was costly because four of the errors resulted in Indian runs.

After eight full innings, the score was 11-7 with the Indians on top. This is where the fans who sat through the battle rose to the occasion, and sparked the Eagle hitters and chased the Indian pitcher.

With the fans behind them, the Eagles played with a confidence that they never displayed before. At one point, all the players put on their rally hats.

This means that they wore their caps inside out. Even though the Eagles scored three runs and came within a step of tying the game, the star of the bottom of the ninth inning was the

fans. The 50 or so fans who were around at the finish were doing the wave, and heckling the Indian pitcher, and even dancing in the aisles. One would never believe that 50 people were making so much noise, but they were and their efforts were almost rewarded.

If the Eagles could attract another 100 people to Jackie Robinson Ball Park, they will have a chance to finish the season with a respectable .500 record.

The Embry-Riddle Eagles baseball team was scheduled to play Colgate College tonight at 7:00 p.m. at Jackie Robinson Stadium. This Friday evening, the Eagles will take on Cornell University at 7:30 p.m.

**Most of the game was a see-saw battle with neither team able to establish the upper hand.**

**With the fans behind them, the Eagles played with a confidence that they never displayed before.**

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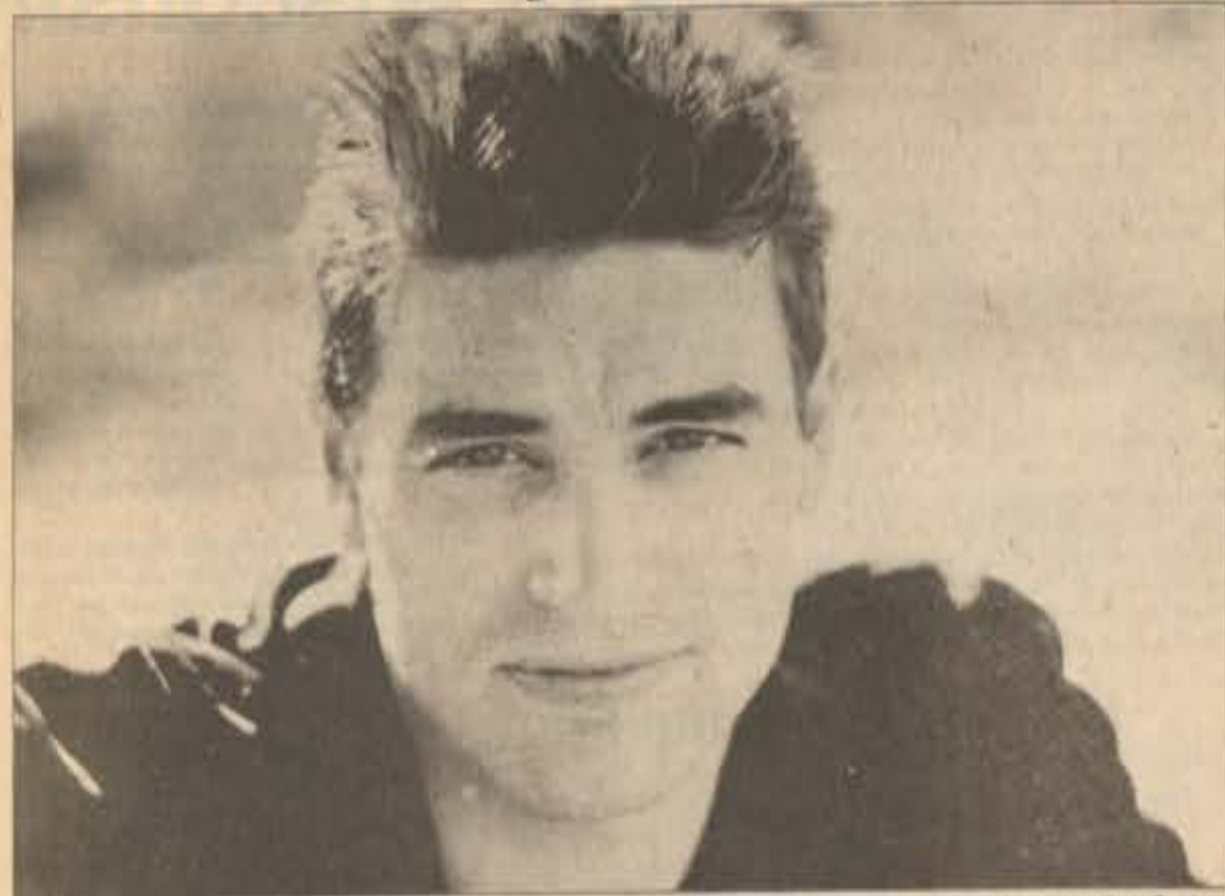
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# John Wesley Harding causes tremors in San Francisco



**On his own...**  
John Wesley Harding recently performed to crowds in San Francisco with only his acoustic guitar to keep him company. Harding will be appearing at the Marriot this Friday.

by Brian Gerk  
Diversions Writer

John Wesley Harding began softly strumming his guitar before the packed theater.

"I wrote this song for a man I've been watching on T.V. most of my life. This man put my life into perspective, he offered me spiritual guidance when I was lost, and he shaped my outlook on this world. This song is for him." He stopped plucking the strings for a moment. A faint hint of a smile played about his lips. He dramatically ripped into his acoustic with a controlled, energetic fervor.

"He's Jack, Jack, Jack Cousineau... he swims all over the sea, bringing them fish back to you and me," sang Harding, with complete aplomb. The crowd broke into boisterous applause for the riveting performer that had captivated them for the last thirty minutes.

All too soon the show was over, and after stunning the audience with a blistering acoustic guitar solo, John Wesley Harding strode purposefully off of the stage.

That was John Wesley Harding in San Francisco, California four weeks ago. The show was a realistic snapshot in the life of a performer that simultaneously demands respect and laughter.

As much as I despise twisted analogies, imagine a genetically combined Harry Dean Stanton/Spaulding Grey clone with a penchant for melodic genius, and you might begin to understand Mr. Harding.

Though his latest album *Here Comes the Groom* features Mr. Harding with a large back-up band that conveys an image of a 90's style Elvis Costello (mainly because it is most of The Attractions), his live performance was a raw

and vital display of rock at its finest. From his unimpressed impression of Paul McCartney, to his scathing criticism of the Material Girl herself, Madonna, Harding's unyielding approach to songwriting is commendable. Without quite getting nasty, he still manages to take pokes at most anyone that raises his ire.

This Englishman grew up in a family steeped in the entertainment trade. His father played jazz piano, mother sang opera and sister danced in a ballet troupe. Wes originally wanted to be a professional sportscaster, but exposure to local musician Robert Johnson and a slide guitar player in Greater Hastings altered his plans. By age seventeen he found himself covering Loudon Wainwright and John Hiatt tunes at a nearby club.

After a surprising tour with the Hothouse Flowers in the U.K., Harding's career began to take a dramatic swing upwards. A well received debut album *It Happened One Night* allowed Harding more options when choosing a label to sign with. After signing a deal with Sire Records, Harding was paired with producer Andy Paley and Tom Robinson. The slickly styled album is very accessible, though his live performance is in another vein altogether.

Harding will appear with the Mighty Lemon Drops and Ocean Blue at the Marriot Hotel on March 23 as part of the Red Hot Spring Break concert series. The Marriot ballroom that has been temporarily converted into a night club will be packed with spring breakers, so buy your tickets early and be prepared to jockey for an adequate viewing position to witness Harding as he belts out another remarkable set of original songs.

**His live performance was a raw and vital display of rock at its finest.**

## Movie Rating System

### →→→→→ In Flight

An excellent, movie worth seeing twice

### →→→→ Takeoff

A good movie, worth the money

### →→→ Taxiing

A fair movie, worth seeing

### →→ At the Gate

Wait for the videotape

### → Crash and Burn

Not worth time, or money

## Top videocassette rentals:

1. *When Harry Met Sally*
2. *Ghostbusters 2*
3. *Road House*
4. *See No Evil, Hear No Evil*
5. *Star Trek 5*

## New videocassette releases:

- 3/21  
*Casualties of War*
- 3/28  
*The Abyss*

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## Letters

(continued from page A2)

endy, the other learns only enough to ask for directions to the Eiffel Tower. Which tourist is going to have the most fun in Paris? When we learn how to write a resume or a letter of inquiry, we are, in a sense, learning how to a... /or directions to the Eiffel Tower. Beyond that point, we are helpless.

Most other schools, including aviation schools, offer at least several courses in technical communication, if not entire degree programs. Our one-semester class varies in content, depending on who teaches it. My teacher might decide to scratch one surface, your teacher might scratch another -- but for the students, the end result is the same: inadequate.

I think the time to prepare for the "real world" is now. If you want to maximize your own potential, talk to your TRW professor or to Dr. Miller, the chair-person of the humanities department, and say "I want my TRW!" Or better still, let's apply the principles of clarity and conciseness by saying "I want more TRW!"

Mich Glasgow  
Box 7125

## Get your facts straight!

To the Editor,

It never ceases to amaze, how people who know little or nothing about the SGA, are always writing incorrect "facts" about the SGA.

In the March 7th issue of the *Avion*, the writer (who didn't have the guts to sign his name) states the "Student Representatives get a tuition voucher, and members of the separate divisions do not get paid anything." This is not true! First of all, the University gives these Tuition Vouchers, not the SGA. Also, the *Avion* and Phoenix Editors do. The Entertainment Chairman and Chief Justice also receive more than the Reps. Furthermore, ALL *Avion* and Phoenix Editors, Entertainment Officers, Student Court Justices and SGA Reps receive Leadership Assistance at the end of the semester. However, due to the fact that there are so many SGA Representatives, they only get about one-fourth as much assistance as the other division members get.

Regarding the *Avion's* journalistic errors, I don't see where paying them more would help. I'm not saying they don't deserve more, I'm just saying "you know what you're doing, or you don't" and money has nothing to do with it. This is the reason, however, that the SGA sends six members of the *Avion* to a national convention each semester to learn more about good journalism.

The sentence stating "student fees are going up 50 percent and none of that is going to the newspaper, yearbook or entertainment staff," is also untrue. The main reason the SGA fee is going up in the Fall is because *Avion* and Phoenix's publishing costs have gone up and because Entertainment is greatly under-budgeted. Especially now that Entertainment must pay for the Homecoming Concert. That additional \$35,000 to \$45,000 puts a real strain on all the budgets. So you see, the increase is mainly FOR the *Avion*, Phoenix, and Entertainment.

If you want to know more about the SGA budgets, please attend a Student Finance Board Meeting.

Linda Johnstone  
SGA Secretary/Treasurer

## Supervisor

(continued from page A5)

Allen explained that there are three primary types of referrals to EAP. The voluntary or self-referral is by far the most common probably accounting for about 98 percent of contacts. The family referral occurs when a family member becomes involved in the program by virtue of the interaction with the employee and the situation requiring assistance. Managers and supervisors may suggest to an employee that help is needed when there is a noticeable decline in the employee's work performance that is not correctable through usual supervisory procedures or where there are specific on-the-job incidents which indicate the presence of a personal problem. No employee, however, should be forced to use the program.

The initial step of the EAP is to determine the nature of the personal problem. Secondly, a course of action is established to resolve the problem. At all points during the counseling process, it is the individual who makes the decision whether to follow a recommended course of action.

Once the nature of the problem has been determined and there is agreement on a course of action, a referral may be made to other agen-

cies, professional persons or treatment centers best equipped to provide assistance. The EAP counselor continues to work with these services and with the employee or family member to assure that they receive the best possible assistance and care. The number of counseling sessions with the EAP counselor may vary, depending on the nature of the problem and the desire of the individual to arrive at an action plan.

There is no cost to employees or immediate family members for the services covered by group health insurance, such as normal coverage of alcoholism, drug abuse, psychiatric and psychological coverage. There may be some cost to the employee or family member if the EAP office makes a referral to marriage counseling, financial guidance or other services not covered under the group insurance program. Many such services are available, however, in the community on a no-fee or sliding-fee scale based on the individual's income. In any event, it is the job of the EAP counselor to assist the employee and family member in determining what is within the family's financial capabilities for services not by the group health insurance plan.



**Are you Bored? Do you sit around your Apartment watching TV wondering why you are watching reruns of the A-Team. Is it getting to the point that you are spending your extra free time studying!**

**I bet you are saying to your self "I think this guy is trying to get me to come and work at the Avion." Well I am!**

**I know what you are saying now, "Well, I would write for the Avion, but I can't write that well." This is okay, because we don't write that well either.**

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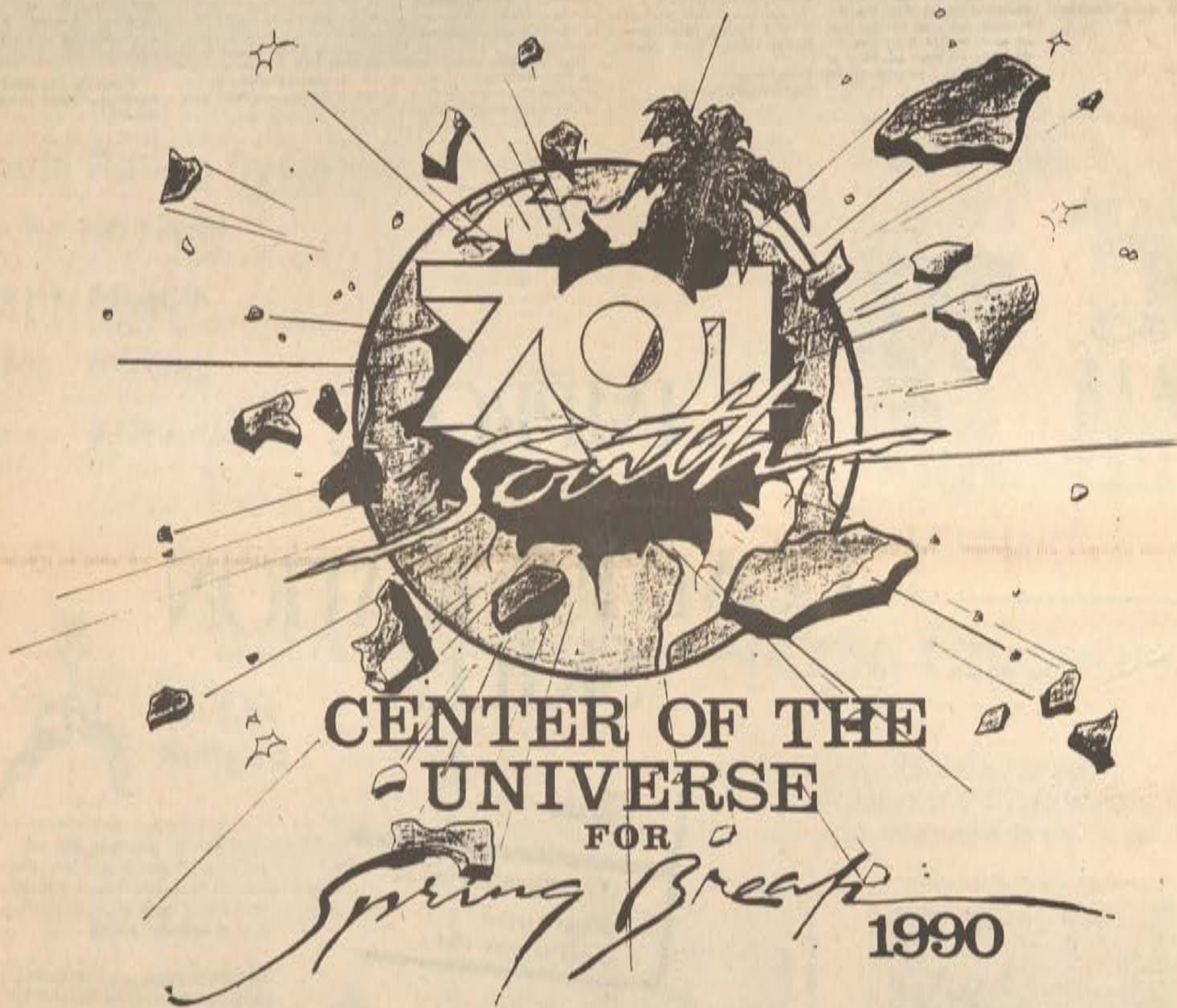
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