

10-7-1987

## Avion 1987-10-07

Embry-Riddle Aeronautical University

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# This Week

■ McDonnell Douglas' newest MD-88 page 5

■ FLASH returns with new insights page 6

# AVION

An Award-Winning College Newspaper

Volume 57, Issue 4

Embry-Riddle Aeronautical University, Daytona Beach, Florida

October 7, 1987

## American starts new service

Has three flights daily with new MD-80 series plane

Chris Legvold and Tom Jukani

The first of October marked the start of new airline service into Daytona Beach. American Airlines held its inaugural flight celebration and ribbon-cutting on what was actually the second flight of the day.

The first flight was somewhat without ceremony, but made its early morning arrival on time from Melbourne. It boarded passengers from Gate 1, which it shares with Piedmont and Continental. It is pres/idential, and departed slightly behind schedule because of an ATC-erected gate hold -- to Raleigh-Durham, North Carolina.

Raleigh-Durham is American's new Southeastern hub. With 25 gates, and costing 120 million dollars, it allows access to 39 U.S. cities as well as providing international service.

American has scheduled four flights each day through Daytona. Three flights depart for Raleigh-Durham and one to Melbourne. It has an early morning, a midday, and two evening flights. The last flight of the day arrives into Daytona at 8:52 pm from Raleigh-Durham and continues to Melbourne at 9:17 pm. It usually departs Daytona without passengers because of the close proximity of Daytona and Melbourne, as well as the general lack of passengers flying late night flights. However, the airline is willing to sell tickets if bookings were to be made, an agent stated.

The inauguration ceremony was saved for the incoming MD-87 aircraft which was to depart at 11:07

am. The MD-87 is one of the newest and advanced McDonnell Douglas 80 series aircraft. The MD-80 series are DC-9 type aircraft which have been modified with upgraded avionics, additional seating, and airframe advances.

The new aircraft incorporate, as an option, the advanced electronic flight instrument system (EFIS). This is essentially cathode ray tubes, or television monitors, in the cockpit which provide flight information in place of analog or gyroscopic representation. These are designed to reduce pilot workload. Advanced navigation systems are also incorporated into the system.

The inauguration ceremony introduced Don Doyle as the new American Airlines General Manager for Daytona. He stated his goal as, "three on-time departures daily to Raleigh-Durham," as well as promising to provide quality customer service.

Speeches were also made by Dr. Tom Kelly, County Manager, and George Marzal, Chamber of Commerce Vice President, welcoming and stating the financial importance of the incoming American Airlines to the community.

Dennis McClee, an alumnus and present Director of the Airport Authority, was given a statuette of an American Airlines eagle in commemoration of the new service.

The events then moved to the ramp area where the ribbon was cut, marking the beginning of American's daily flights to and from Daytona.

Despite all of the celebration and ceremony, the flight avoided any delays and left on-time.



The arrival of American Airlines service to Daytona Beach was celebrated by a ribbon cutting ceremony, in front of their new MD-87. From left to right: Don Doyle, Manager

(American) Daytona Beach, Cindy Connolly, Flight Attendant; Dennis McGee, Daytona Beach Airport Manager; Capt. Charlie Claunch, Pilot; Shirley Chandler, (American) area marketing

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Avion photo by Chris Legvold

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## Students should be more intrinsic

### College Press Service

Students, critics claimed, were self-centered and materialistic. They didn't need the student loans they borrowed, and then didn't repay them.

They cared only about themselves, getting high-paying careers and driving BMW's. They might work passionately for a master of business administration, but not for improving their communities.

Such perceptions of American Collegians, administrators now say, eroded public support of higher education, helped foster the political climate that made it okay for politicians to slash college funding in recent years and, in fact, embarrassed educators.

Traditionally, colleges have stressed community service, said Susan Schwartz of Campus Compact, a college presidents and chancellors organization dedicated to promoting volunteerism among students. "Higher education was a place to incubate citizenship," she said. The materialism of the 1970s and early '80s, however, disrupted this "historical link."

To improve higher education's image--and to get students more involved in their communities--educators had responsibility to change the perception of the me generation.

"Universities," said one student who requested anonymity, "have a self-interest in promoting public service. It's good public relations." In 1985, a report issued by the Carnegie Foundation for the Advancement of Teaching called upon colleges to give student credit or aid for "doing good."

Frank Newman, the president of the Education Commission of the States and the author of the Carnegie report, suggested schools create civilian volunteerism programs based on the model of the Reserved Officer Training Corps (ROTC), which funds college study in return for military service. The federal government may lend a hand. In March, Sen. Claiborne Pell (D-RI) introduced a bill to pay students for community service efforts or a 2-year stint in the Peace Corps.

Nearly 260 campuses already have some kind of student volunteer program, and educators are taking

some of the credit for the recent swell in student interest in community services.

They will compare notes Oct. 11-13, when "several thousand students, teachers, administrators and activists will meet at Temple University in Philadelphia to discuss the role of higher education in community service and involvement."

But although campuses can take some credit for changing student attitudes, they also were responsible for the "me generation" attitudes of past years.

"We're the problem," admitted Dean Lois Cronholm of Temple University. Faced with the threat of decreasing enrollments and increasing costs, schools "tried to hold it to sell students on education by emphasizing the financial rewards a college education can bring. The 'me generation' wouldn't have happened if we hadn't sold so hard on it."

During the '70s and early '80s, Cronholm added, schools bobbed and emphasized engineering, computer science and other technological departments because, they felt, those areas would best help student

get jobs.

"We've had time to look at the result of the concept," she said, "and we realized we haven't trained students to think. Technocrats adapt poorly to change."

Cronholm, who is coordinating the October conference, reported the efforts seem to work. The number of student volunteers at Brown University, for example, jumped from 300 to 800 after the school hired a director for the Brown Community Outreach, now the largest student group on campus. The program's director, Harry Courtney, said promoting public service opportunities and centralizing those opportunities in one office are responsible for the increase.

"If you give students the opportunity, they'll take it," she said.

Harry Krieger, the dean of student affairs at Washington University in St. Louis, opposes offering credit and financial aid to volunteers because students expect to be rewarded for community service.

Volunteerism without rewards, he said, nullifies the habit of being involved in taking a leadership role.

See LOANS, page 4

## SGA starts new semester smoothly

Civra Stockinger  
SGA President

The Student Government Association and all of its divisions have been progressing smoothly. Some of the goals of the SGA this semester are: increase communication, increase school spirit, continue to improve on the image of the SGA.

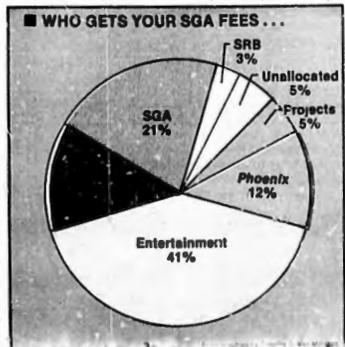
The Student Court has been busy with parking violations and other cases with Chief Justice Derek Nicholson. Any type of parking fines may be disputed through the Student Court.

The Student Finance Board approved the division budget. Michael Miller, SFB Chairman and SGA Vice President, has strengthened the knowledge of the financial decision-making process of the SGA with the help of the six students at-large.

The Student Representative Board has also elected a new chairman, Yumi Rakaz. The Student Representative Board has been active with various activities and projects. Yumi Rakaz would like to focus on

a couple of projects which will benefit the students.

The SGA is presently having its development a pamphlet consisting



pictures and information of SGA division chairman and representatives.

The Student Government Association is working on improving campus life and encourages anyone interested to join or at least find out what's going on at this University.

The *Incent* Yearbook is going strong and has elected a new Managing Editor, Kelly Young. The yearbook price has increased from \$5 to \$15. This increase will take some of the financial burden off of the SGA.

The Avion has also been doing well and has elected a new Editor-in-Chief, Paul Novacek. Paul is concentrating on producing a high quality newspaper to better inform the students. The Avion is lacking a full staff and encourages anyone who is interested, with any level of skills, to join.

The Entertainment division is planning more activities and concerts. A major band is scheduled to perform for the Avion Festival. Tom Leahy expects this year's Entertainment to be some of the best yet.



Avion photo by Richard Clarke

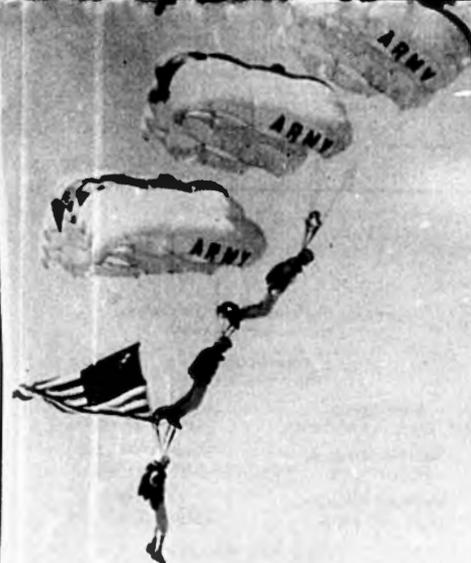
## Hooking Up...

The Army's Golden Knights demonstrate the ultimate in trust as they perform an "aero" hookup at the State Air Fair in Kissimmee this past weekend. See additional pictures on page 5

## Inside the Avion this week

Acquisition.....	3	Letters.....	2
Classified Ad.....	15	Notices.....	10
Class.....	5	Open Forum.....	3
Comics.....	11	Space Tech.....	3
Editorial.....	2	Student Forum.....	3

TRIVIA - Send your trivia to the Avion today.



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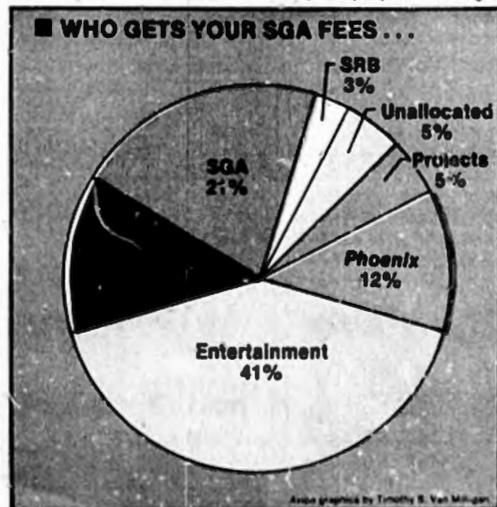
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Editorial

Motorcycle safety lacking at Riddle

On Wednesday, December 5, 1984, the Avion had the difficult duty of reporting that Roger J. Mulcahy had died at 10 a.m. Monday morning. Mulcahy was a passenger involved in a motorcycle accident in which he was thrown 43 feet after the bike he was on collided with a car that was backing out of a parking space. It is believed that the two on the cycle were travelling between 30-35 m.p.h., well above the campus speed limit of 10 m.p.h.

In response to this, ERAU administrators decided to take positive action to prevent similar situations from recurring. Since Riddle students obviously couldn't obey speed limits on their own, a guiding hand was offered. Hence, the birth of the speed bumps in all the parking lots.

Recently, motorcyclists have been speeding through the parking lots on campus. Many a pedestrian has narrowly avoided being run over by a blur that is a speeding Ninja. Many, too, are the cars that have screeched to a halt to avoid hitting an Interceptor dodging through traffic.

The lack of consideration by motorcyclists is tremendous. Embury-Riddle is evolving into a "walking campus." As it is, pedestrians have to be extra cautious of local motorists when travelling to and from the ASSI building. They also have to be on the lookout on campus for their rude fellow students on motorcycles.

Auto drivers are also put on double guard. Not only do they have to watch for pedestrians, they also have to be alert for bikers coming from nowhere like a bat out of hell.

Aviation is an industry that is regulated more than any other. This is what makes it such a safe form of passenger transportation. Why is it that students of an aviation university ignore traffic safety regulations and behave in a careless and irresponsible manner?

Jack Hunt once said that we lose as many students in one year to motorcycle accidents as we have lost in aviation accidents since the school's conception in 1926.

What can be done? The Riddle Riders offer a safety program. This is a good program that is a step in the right direction. Currently it is voluntary but perhaps it should be a requirement to obtain a parking sticker. Punishment may be necessary to help bring offenders in line. A fine for the first reckless driving/speeding offense might help slow the motorcyclists down. Second time offenders would be subject to having

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Yes, these are harsh punishments, but no punishment can be too harsh if it prevents the blood of an Embury-Riddle student from flowing on this campus again.



Letters to the Editor

MASCOT

To the Editor: I am aware that curiosity killed the cat, and that most things are better off left alone, but after reading an article in the Florida Leader (Florida's College Magazine) August/September 1987 p23-33, I threw these two notions out the window. The article was titled "Florida's schools have some really cool mascots," and was pretty interesting stating some of Florida's bigger schools and mascots. After reading the two page article, I was a little disturbed about the fact that ERAU was not mentioned at all. A few seconds later I happened to see a table showing Florida's top thirteen colleges with their colors and mascots. (see table 1).

While scanning the list, DCC, DBCC & UCF were on the list with their respective colors and mascots and so was ERAU with its colors, Blue and Gold, for freshmen and

MASCOT

I am a graduating senior who would like to have an official mascot from Riddle. Son of something to talk about with coworkers around the water fountain at break time. I do wish that before I graduate (university set for December 19, 1987) some action concerning this matter will come about.

Ray Logan Box 5419

SATISFIED FLYER

To the Editor:

Well, I don't know about most people but I'm sure there are some, like me, who was helped tremendously by the "degrading, conning, and needless overpreparation for Riddle flight." (Avion, Sept. 23 Editorial).

To explain, I "earn" my private pilot's license in the summer of 1983, slightly over a year before I came to Riddle. My flight training was done at a small town airport. The training there was unorganized with the only ground school being answers to any questions I had. I don't think I ever saw any performance tables or charts because the only number I ever needed to know

was for cross country planning and that number was 100 knots for cruise. It seems like all that we ever did was practice normal takeoffs and landings. Even then, I was picking my own approach speeds (I never saw the book approach speeds). They were 70kts on downwind, 70kts on base, and 70kts on final in a 1520 No wonder I was scared to fly at 60 kts on final in a 172 when I came to Riddle!

I went through at least 5 different instructors. I don't mean I'd have one instructor for a while, then another constantly rotating through instructors and was never sure who I would be flying with. That's because "Zeb" might be out crop dusting when he was supposed to be back at the airport teaching me to fly, so "Rufus" would fly with me that day. However, neither "Zeb" nor "Rufus" would be available for my next lesson, so "Zeb" would fly with me then (maybe), and so I went. Sticking with only one in-

I was interested in flying and wanted to learn so bad, that I was constantly reading any book about flying that I could get my hands on. In fact, I think I learned more that way than from the school there. Maybe that is how I was able to get through and pass the tests and get my license. After I got it, I hardly ever used it. I felt like there was a lot about flying that I was missing and I just didn't feel safe in the air. So, I practically laid off flying until I came to Riddle.

In the Fall of 1984 I took FA 102 (now 104), and in the Fall of 1986 I took FA105. I will admit that what little I did know helped. However, after having to take those 2 courses even though I had my license, I felt I learned more this "second time around" at Riddle than when I actually got my license back home. I realized just how much I was missing. And with the instruction from 2 great instructors (Mr. Fil Mecklen for then FA102 and Mr. Ben Gossett for then FA105), I feel more complete, more competent, more confident, more knowledgeable, and safer in the airplane. To sum it up, I am glad I did not receive and advanced standing just because I already had my license. I'm glad I was made to

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While scanning the list, DCC, DBCC & UCF were on the list with their respective colors and mascots and so was ERAU with its colors, Blue and Gold, for freshmen and those who did not know, and its mascot, an eagle, with the words UNOFFICIAL in parenthesis. My question that I would like to pose to the Avion, ERAU, and the people who contact the students, how come we do not have an official mascot?

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Klyde Morris



Wes Oleszewski

Avion logo and contact information for the Editor-in-Chief Paul Novacek, Business Manager Robert Wait, Advertising Manager Lito Douvas, Sports Editor Brian Modell, Photography Editor Richard Clarke, Copy Editor Teresa Anderson, Production Manager Chris Legwood. Includes a list of staff members and a note about the Avion's membership in the Associated Press.

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See LETTERS, page 3

# Klyde Morris      Wes Oleszewski

**Panel 1:** HERE'S THE ERAU STUDENT, PONDERING CROSSING CLYDE MORRIS BOULEVARD TO GET TO THE ASSL....

**Panel 2:** ... SUDDENLY GETTING TO CLASS HAS BECOME A LIFE AND DEATH GAMBLE.

**Panel 3:** SPEEDING CARS DRIVEN BY EVERY CARELESS SLOB WHO CAN SPIN A STEERING WHEEL ARE IN MY PATH.

**Panel 4:** OF COURSE THIS NEW CROSSWALK MAKES THINGS A WHOLE LOT SAFER.

**Panel 5:** SO, CHIEF WALTERS, WE UNDERSTAND THAT YOUR PEOPLE WERE AN IMPORTANT PART IN SOLVING A RECENT CRIME.

**Panel 6:** ... SOME PROPERTY WAS STOLEN FROM A NAVY HELICOPTER LAST SPRING, AND ACTING ON A TIP E-R-A-U SECURITY LED THE AUTHORITIES TO THE CULPRITS... IT WAS REALLY JUST OUR PEOPLE DOING THEIR JOB.

**Panel 7:** NAY, NAY, MR. WALTERS, WE AT NBC DON'T SEE IT THAT WAY, THAT'S WHY WE'RE DOING A MINI-SERIES ON YOUR STAFF...

**Panel 8:** ... WE CALL IT "SECURITY SQUAD!" MEET THE PRODUCER... MICHAEL MANN.

**Panel 9:** WELL, YES... YOU COULD SAY THAT...

**Panel 10:** MINI-SERIES? NBC!?!

**Panel 11:** BOB BABY!

**Panel 12:** GRAY BOB BABY, IN THE FIRST EPISODE OF "SECURITY SQUAD!"... "CAMPS OF RAGE"...

**Panel 13:** ... WE OPEN WITH YOU AND THREE OF YOUR BEST PEOPLE IN A HIGH SPEED CHASE AND GUN FIGHT ACROSS CAMPS.

**Panel 14:** YOU'RE ONTO THE SON OF THE WORLD'S LARGEST COCAINE KINGPIN WHO JUST STOLE A NAVY HELICOPTER.

**Panel 15:** BUT THAT'S NOT WHAT...

**Panel 16:** RIGHT BOB, TRUST ME. NOW THE UNIFORM HAS GOT TO GO. VIC! GET ME A SHARK-SKIN SUIT, AN UZI AND SOME STYLING MOUSSE!

**Panel 17:** RIGHT MR. MANN.



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Dr. Roger Osterholm

Sports Editor  
Brian Moedell

Business Manager  
Robert Watt

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Copy Editor  
Teresa Anderson

Production Manager  
Chris Legvoid

This week's staff: Wes Oleszewski, Ray Natic, Jim Banks, Michael Racine, Rich Wereta, David Rovka, Larry Rice, Kim Storer, Tim Van Milligan, Sean Kelley, Pich Gray, and Richard Gohs.

The opinions expressed in the Editorial are those of the majority of the Editorial Board, and do not necessarily represent those of the university, the staff of the Avion, or the members of the student body. Opinions expressed elsewhere are those of the writer, who is identified.

Letters appearing in the Avion do not necessarily reflect the opinions of this newspaper or its staff. Letters submitted may be edited for brevity and may be printed provided they are not lewd, obscene, or libelous. Letter writers shall confine themselves to a single topic. All letters must be accompanied by the signature of the writer. Names may be withheld on request at the discretion of the Editor.

The Avion Editorial Board members are: Paul Novacek, Brian Moedell, Tom Jullani, Chris Legvoid, Rob Watt, and Teresa Anderson, Richard Clarke.

The Avion is an Associated Press member newspaper, and subscribes to the Campus News Digest and College Press Service. The Avion is a member of the Columbia Scholastic Press Association, College Media Advisors, and the Associated College Press.

The Avion is produced by a volunteer, student-journalist staff weekly throughout the academic year and bi-weekly throughout the summer.

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Correspondence may be addressed to The Avion, Embry-Riddle Aeronautical University, Regional Airport, Daytona Beach, Florida 32014. Phone: (904) 238-8008.

## Student Forum

### The Avion asks:

Do you think the speed bumps on campus are sufficient in controlling motorcycle speed?



**Alice Marconi** - "No, they don't go to the end of the road, they just go around them."



**Mike Kemple** - "No, if you want to stop the motorcycles, you would have to put one everywhere. I ride a motorcycle, and I know how fast they can go."



**Jack Franks** - "Yes, because I owned a motorcycle last year and slowed me down. Speed bumps are supposed to slow you down, not stop you."



**Chris Newhard** - "No, because they can go through the middle."



**Greg Marin** - "Yes, because they are nice and steep."



**Jesus Suarez** - "Yes, a bit, instead of doing 40 mph, I do 30 mph. Because I have to slow down to avoid them."

## Aviation school loses teaching license

Associated Press

**HOUSTON** - The Federal Aviation Administration suspended the teaching license of a local aviation school after a reinspection showed the school failed to correct deficiencies in equipment, training and supplies.

The suspension also leaves 310 students wondering how they will get their licenses as become aircraft mechanics.

George House, spokesman for the FAA regional office in Fort Worth,

said Thursday the license of the Rico Aviation School, near Houston's Hobby Airport, was lifted earlier this year to make corrections, he said.

"On reinspection, we found they did not correct their deficiencies," he said.

Kathy Rice, a spokeswoman for the school and the daughter of owner James Rice, said classes would continue and the school was trying to get its license back.

The school is affiliated with Houston Community College and

the Houston Independent School District.

Some of the students were to graduate next month, but FAA officials said it would be at least two months before the license could be returned. Students would have to retake classes conducted while the suspension is in effect, however.

"It's a bummer," said student Byron Gehres, 19. "It hurts. It hurts us bad."

"I blame the school," said Jay Quick, 20, another student. "They didn't meet the FAA requirements. They knew about (them) before and they never took any action."

## Brock named new Piedmont VP

Piedmont Airlines Press Release

**WINSTON-SALEM, NC** - J. Daniel Brock, Jr., 38, an employee of Piedmont since 1983, was elected senior vice president-marketing at a meeting of the Piedmont Aviation, Inc., Board of Directors 1-26 today.

Brock, formerly vice president-marketing, will now oversee all functions of Piedmont's marketing, scheduling, pricing, sales, advertising and promotion programs. He will report to William G. McGe, Chairman of the Board, President and Chief Executive Officer.

Brock joined Piedmont in May of 1983 as director agency and interline sales and was promoted to vice president-marketing in November, 1984.

Prior to joining Piedmont, he was vice president of marketing systems at Air Florida. He had also served as director of agency and interline marketing at Texas

International and as director of agency sales at Braniff Airlines.

McGe, in announcing Brock's election, said that "Under Dan's leadership the Piedmont marketing program has taken dramatic strides forward in a number of areas, including the development of Piedmont's highly successful frequent flyer program; the skillful marketing of Piedmont's systems-wide introduction of first class service aboard all its aircraft; and, of course, the introduction of Piedmont's first transatlantic service between Charlotte and London this summer."

Brock holds a B.S. and an MBA degree from American University in Washington, DC. He is a member of the Board of Directors of the Winston-Salem Chamber of Commerce.

Brock and his wife, Margaret, live with their three children in Winston-Salem where Piedmont is headquartered. He was born Dec. 15, 1948, in New Orleans, LA.

## LETTERS

start at the beginnin again anyway. I picked up all the many things I was lacking and much more. You have to start with the basics and then build on them to advance. If the basics are weak, if the foundation is not solid, then any advanced training that builds on those basics will suffer terribly.

If I had been given advanced standing and had been allowed to start with the commercial course, I would have been so lost and confused that I would have been made it through. I would have had

to start all over again if I was to advance. That "degrading, costing, and needless over-preparation for Riddle Flight," you refer to through the solo and private courses even though I already had my license was so very important, especially with the training I had before I came to Riddle. I'm not saying everybody would be in the same predicament I was but, I am sure there are a few. Don't ever change the current policy. It would have wound up costing me a lot more.

R. Shannon Andrews  
Box 6883

### Correction

Last week's Avion stated that Colonel Babos dedicated 27 years to the Embury-Riddle Air Force ROTC. This was a misprint on behalf of the Avion. In correction, Colonel Babos dedicated 27 years to the service.

**DO YOU KNOW WHAT HAPPENS WHEN YOU DON'T ADVERTISE?**

**NOTHING!**

Chris Newhard - "No, because they can go through the middle."  
Greg Marin - "Yes, because they are nice and steep."  
Jesus Suarez - "Yes, a bit, instead of doing 40 mph, I do 30 mph. Because I have to slow down to avoid them."

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Lynne Evans Health Services

## FLASH

For Leisure And Student Health

Counseling Center teaches a 4-part seminar in the Fall and Spring which covers topics on self-management, motivation, note-taking skills, reading retention and test-taking tips. If you are unable to participate in the seminars, you may individually work with a counselor on the material.

Recreation Department - Your Recreation Department provides a number of services aside from the intramural program. Students, faculty and staff may checkout sporting and recreational equipment for overnight and weekend use with an ERAU Identification Card. Free fitness fact articles and other reading materials on health and recreational subjects are also available at the office.

Assistance is often given to students for course-related projects, along with supplying them information on community sponsored recreational events. Sports clinics with equipment, public relations and scheduling when requested.

An update on the recreational facilities shows us that two additional basketball courts are in the plans for construction and the racquetball courts are in process of finalized repair. If you need any assistance, feel free to stop by the

office and Leslie and Marge will be glad to help.

Health Services - has two nurses on staff who provide initial evaluations and treatment for first aid and minor illnesses. They are also available for individual nutrition and dietary consults, weight reduction, fitness and personal health care counseling.

Health Services has recently developed the Self Care Station as a convenience for ERAU students. Without an appointment, a student may obtain medication for such problems as headaches and minor upset stomachs.

In addition, the Health Services can help in the process of securing a local doctor. We have a list of referrals and would appreciate your input. We also have a small supply of crutches to loan and will gratefully accept donated crutches.

Our office is open from 8 a.m. to 5 p.m. on Monday through Friday. Appointments need to be made in advance for our university physician, Dr. Cook, who is on Campus Wednesday from 9:30 a.m. to 12:30 p.m.

These are some of the services that are available for your use. If I can be of anymore help or you need more information feel free to contact me for assistance.

## Community Calendar

### October

- 1-31 Daytona Beach 2nd Afl - 255-0222
- 1-31 Exhibit: Hobbies Painting - Museum of Arts and Sciences - 255-0285
- 1-31 Exhibit: Florida Craftsmen Region 6 - Ormond Beach Municipal Art Gallery
- 2-31 Exhibit: Theodora Greene, Mixed Media - The Casements - 673-4701
- 11 Daytona Beach Choral Society Concert - Seabreeze United Church - 4 pm - 253-3772
- 11 Jazz Concert On the Green - The Casements - 3 pm - 673-4701
- 16-18 AAUM Division Conventions - Clarion Plaza Hotel - 441-1525
- 17-25 Ormond Sealer Games - Ormond Beach - 677-4311
- 17-18 Daytona Pro-Am Motorcycle Races - Daytona International Speedway - 253-0711
- 17-18 Riverfront Park Fine Art Show - Riverfront Park, Daytona Beach, 9 am - 5 pm - 673-4006
- 18 Jazz Concert On the Green - The Casements - 673-4701

## AD recalled for Pipers

### Associated Press

Fredrick, MD - The suspension of an airworthiness directive (AD) which would have affected thousands of Piper aircraft has been applauded by the 260,000-member Aircraft Owners and Pilots Association.

"AOPA had petitioned the Federal Aviation Administration to rescind the AD, so naturally we are justified in our view that there was little to be gained for the AD," said AOPA President John L. Baker. "It is a major victory for the 2,000 affected Piper PA-28 and PA-32 Owners who would have been forced, as a fleet, to needlessly spend up to \$16 million for doubtful safety benefit."

"AOPA had noted in our petition to the FAA that the AD was implemented on a premature basis and incomplete investigations," said Baker. "The FAA's suspension of the AD seems to vindicate our view, which was also corroborated by information from NASA and Piper. The suspension is welcome since compliance with the AD, which would have cost individual owners at least several thousand dollars, apparently would not have brought additional safety."

The suspended AD, which takes effect September 28, notes that the subsequent investigations into Piper wing spar cracks "has indicated that it would require an extraordinary stress level in a severe operating environment to produce the growth rate of those cracks." The FAA said that Piper Aircraft is conducting an extensive analysis and that further investigations may lead to reinstating the AD, but with different types of operations. AOPA will monitor the continuing investigation.

Baker also noted that AOPA is also working on getting a similar AD on Piper Comanches rescinded.

"Flash" is back. The offices of cancelling, Health Services, and Recreation will be presenting weekly an article on a common concern of college students in the areas of health, physical conditioning and emotional well being. In addition to our weekly article, we have also planned the upcoming "Wellness Week" which will run from October 12 - 16.

As an introduction, I would like to let you know a little more about our office and what is available to you, in charge, as an ERAU student.

Counseling - Your Counseling Center is located in the University Center and has counselors available from 8 a.m. to 5 p.m. on Monday through Friday to address your personal concerns on an individual basis. The center can also serve as a resource of information on the topics of study skills, relationships, communication, sexuality, stress, grief and depression.

With regards to study skills, the

## Baker elected to Board

### AOPA Press Release

Fredrick, MD - John L. Baker, president of the Aircraft Owners and Pilots Association, has been elected a member of the AOPA Board of Trustees.

Baker, who has been president of the 260,000-member pilot organiza-

tion for 10 years, is considered the nation's leading advocate for general aviation.

"We are delighted to have John join us as a member of the AOPA board," said chairman R. Anderson Pew. "His election as a trustee is an appropriate development for the man widely regarded as the nation's principal proponent for general aviation. His leadership at AOPA and his ability to continue his efforts on

behalf of AOPA membership and general aviation are enhanced by his election to the board," Pew said.

A former Federal Aviation Administration assistant administrator, Baker also has been a trial attorney, aircraft manufacturer executive, Air Line Pilot Association official, and U.S. Air Force fighter pilot. Baker's aviation career has spanned more than 40 years.

## LOANS

(Continued from page 1)  
that will carry over for the rest of their lives."

Most college officials, however, say such thinking is unrealistic. At Temple, which plans to offer a special responsibility course next year, Cronholm asks, "What more can you expect of students?" Students, she said, are burdened not only with classes and studies, but may also have to work part-time to fund their education.

While colleges should not reward student automatically for public

service, said Jane Kendall of the National Society for Internships and Experiential Education, they should be evaluated as if the job were a classroom activity.

Rewarding students for community service—either with credit or cash—allows middle and lower-income students the same opportunities as upper-income students. "If we only had upper income students involved," said Paul Lipson, a Brown Alumnus who, as a student, organized the Brown South Bronx project, "it would have been very boring."

See Our Ad on Weekend Flights to the Bahamas

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Piper Archer (IFR)		\$57
Warrior		\$54
Piper Seminole (Multi-Engine)		\$120
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## MD-88 nears certification

By Tom Julian

The McDonnell Douglas MD-88, the newest and most advanced of the popular MD-80 family of twin-jets is currently in a flight test program that is progressing on schedule.

As of mid-September the MD-88 had successfully completed 22 flights for a total of 46 hours in its flight test program. The program will lead to certification of the aircraft's advanced systems by the Federal Aviation Administration, followed by deliveries to operators later this year.

Testing has focused on the new flight management system (FMS), which provides both lateral and pitch guidance to fly the aircraft as efficiently as possible. Also being

tested are the new light emitting diode (LED) flat plate displays used for engine and other operational data and for the overhead warning panel. Standard on the MD-88, and already in service as an option on the other four MD-80 series aircraft, is an electronic flight instrumentation system, or EFIS. This system incorporates television-like cathode ray tube displays which replace the conventional horizontal situation and attitude direction indicators, providing expanded data display and increased reliability. The EFIS is also able to display flight plans and navigation information.

The airplane is now based at the McDonnell Douglas flight test center at Yuma, Arizona, where development testing is in progress.

Pilots and engineers are verifying that the systems are performing as designed and are appropriate and functional for airline operation.

Production avionics will be installed to assure the FAA that the systems are working in conformance with design specifications. Certification is expected in late November after about 160 flight hours, followed by delivery of the first MD-88 to Delta Air Lines.

This latest MD-80 series program was launched by McDonnell Douglas back in January 1986, when it was selected for short-to-medium range service by Delta, who now has orders and options for up to 110 MD-88's.



The Eagles Aerobic Team showed their skills in a low pass at the Florida State Air Fair in Kissimmee last weekend. The Eagles appeared at the Daytona Skyfest last Spring.



The U.S. Marines also put on an impressive flight demonstration with their VTOL AV-8B Harrier. It is the only airplane operated by the U.S. Military capable of vertical take-offs and landings.



Photo courtesy of McDonnell Douglas

The McDonnell Douglas MD-88, newest of the MD-80 series aircraft, lifts off for a test and evaluation flight in pursuit of certification, which is ex-

pected in November. The MD-88 is the first Douglas commercial transport to have an EFIS as standard equipment.

## AOPA fighting FAA proposals

AOPA Press Release

FREDERICK, MD — Aircraft Owners and Pilots Association has received more than 35,000 responses to a call for pilot action on recent government proposals which would severely impact general aviation.

"We believe that total responses could top 60,000 or 70,000 with this kind of support for just one week," said AOPA President John L. Baker. The response from our members during this critical time has been extremely gratifying, general aviation is under the gun, and pilots

won't sit by and let themselves be made the scapegoats for the nation's aviation ills."

The responses are in the form of cash contributions to AOPA and letters to Transportation Secretary Elizabeth Dole and to the consultants' Congressmen. AOPA has already delivered thousands of the responses to Dole's office, and will hand-deliver the Congressional letters.

The consultant response message argues that the recent Federal Aviation Administration proposals and regulations that effectively lock out general aviation from the na-

tion's major urban areas be rescinded. The responses note that the proposals are neither "fair nor effective". The letters say that "we need to work toward real solutions to our air traffic problems, such as investing in the ATC system, building more airports and developing better commercial airline schedules."

The funds collected will be used specifically for a nationwide lobbying and education campaign to inform the American public about the real problems facing aviation in the aftermath of failed leadership at the federal level.

Photo courtesy of McDonnell Douglas

The McDonnell Douglas MD-88, newest of the MD-80 series aircraft, lifts off for a test and evaluation flight in pursuit of certification, which is ex-

Photo courtesy of McDonnell Douglas

pected in November. The MD-88 is the first Douglas commercial transport to have an EFIS as standard equipment.

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# Inactive Clubs and Organizations

On occasion, the Student Activities Office will encounter some inactivity among the Clubs & Organizations. Some student groups thrive and are extremely active with activities, high membership capacities, etc., and then the key leaders in these groups graduate and the clubs die down. Listed below are the currently inactive C & O's on campus. If you are interested in "rejuvenating" one or more of them, please show by the Student Activities Office and schedule an appointment to meet with La-rice Ramfoss, Student Activities Coordinator. Starting a club can be a relatively easy process, but keeping it active takes dedication, hard work, strong membership and leaders.

**AERO HISPANIC**—Provides the student at ERAU with a form of expression and means of mutual assistance by providing social and cultural activities. Welcoming and assisting all new Hispanic arrivals in their first registration.

**AVIONICS CLUB**—Provides a social and educational atmosphere for students wishing to increase their knowledge in the Avionics industry. Club activities include field trips and guest speakers. This club is currently in the process of re-chartering.

**BALLOON/ULTRALIGHT CLUB**—Promotes the enjoyment and development of ballooning and ultralighting.

**CHESS CLUB**—Promotes an interest in the game of chess among ERAU students. Tournaments are held both within the campus community and competitively between other colleges and universities. Beginners as well as professionals are invited to participate.

**COMMODORE USERS GROUP**—To promote computer literacy in the membership as well as in the community, provides an opportunity for members to pursue their career goals.

**COMPUTER SCIENCE**—Provides interaction between people with a common interest in computer science.

**DATA PROCESSING MANAGEMENT ASSOCIATION (DPM)**—Provides a better understanding of the nature and functions of data processing in an aviation environment.

**FUTURE PROFESSIONAL WOMEN IN AVIATION**—Assists and supports individuals pursuing aviation careers. Activities include hosting speakers and attending air shows.

**FRENCH CLUB**—Promotes an awareness of the French language and culture. Activities include parties, films, classes and traveltips.

**GLIDER CLUB**—ERAU students, faculty, staff and their families get together to promote the sport of soaring.

**INTERNATIONAL STUDENT COUNCIL**—To act as a forum for the International Students at ERAU with their needs, concerns and ideas. To promote interaction with other students.

**INVESTMENT CLUB**—Provides members with investment education and makes its members more efficient at money management.

**ITALIAN AMERICAN CLUB**—Cultivates and perpetuates the language and culture of Italians. Activities include Italian Awareness Day and cultural field trips.

**NINETY NINES, D.C.**—Promotes Aeronautical Science among female members of the ERAU community. Membership requires a private pilots certificate.

**RUNNING CLUB** (Cross Country and Distance)—Provides ERAU students, faculty and staff the opportunity to maintain or improve their total fitness level on an individual or group basis. Activities include local races, and track meets. Weekend joggers as well as competitive runners are welcome. (The faculty advisor will sponsor an organizational meeting on Thursday Oct. 6, 6:30 p.m. A115)

**SILVER WINGS**—Offers opportunities to learn about national defense of the United States and the importance of Aerospace Science.

**SWIM CLUB**—Promotes the development of swimmer's ability through regularly scheduled swimming activities.

**TRI-SCHOOL SNOW SKI CLUB**—Promotes an interest in winter sports among students at ERAU, Daytona Beach Community College and Stetson University.

**WEST INDIAN CLUB**—Brings all West Indian students together to maintain their cultural upbringing and to learn about their new environment.

**YOUNG REPUBLICANS**—Provides a forum for traditional discourse; to promote awareness of political issues and current events, and to present alternative views on those issues and current events.

# SKY DIVERS

By Allen F. Poros  
Society Officer

I would like to take this opportunity to warmly welcome back established club members as well as new students to what promises to be a rewarding triester. Since the spring tri, the club members have gained tremendous experience by skydiving regularly during the summer months.

On C & O day, four of the club members performed a demonstration jump into the field adjacent to the U.C. The participants were the club president, Kim Baumgartner, the club treasurer, Dave Hudson, the society officer, Allen Poros and Ernest Veziroglu. Other demonstrations planned for the fall include jumps:

into the International day festivities on Oct. 24 and the Daytona Beach Regional Airport Open House on Nov. 7.

During the Thanksgiving Holiday, the competition team will compete in the East Coast collegiate championships at Franklin County sport parachute center in Louisburgh, North Carolina. The events include 4-way relative work as well as style and accuracy.

The club is presently preparing new students for their first jumps at skydive Deland Inc., as well as practicing for the competition in November.

We encourage anyone interested in sport parachuting to attend the club's weekly meeting. Watch for specific times and locations posted in the U.C.

# AAAE

By Michael Accomando  
Club Historian

At our meeting on Oct. 4 elections were held for the offices of President and Treasurer. Our new president is Mike Distad and our new Treasurer is Jennifer Sala. Congratulations to the both of you.

On Thursday Oct. 22 we will be taking a tour of Orlando Int'l Airport. I will be saving the tour for all those who could not attend. I will

show the tape at the next scheduled meeting after the tour.

We have two fund raise's planned so far for this tri, which are the upcoming Tina Turner concert at the Ocean Center, and a car wash.

For all those who are interested in Airports, but can't attend the meetings and who are not present on our mailing list, write your name, box number and telephone number on a piece of paper and put it in the AAAE mailbox in Student Activities.



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# DOUBLE DEALS

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Get two hot, delicious pizzas for one low price - delivered to your door in thirty minutes or less. Simply present your coupon to the delivery person.

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If your pizza isn't right, we'll make it right. If it's late, we'll give you \$3.00 OFF! Call us for details!

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## BASEBALL CLUB MEETING

Thursday, 8 p.m.  
Faculty/Staff Lounge

All Welcome

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Only \$8.95 (Tax not included)  
A double delightful combination.

Two regular 12" cheese pizzas. Extra toppings just \$1.35 for both pizzas. Offer good thru: 10/27/87.

Just ask for the THE DOUBLE DELIGHT!

One coupon per order. Not valid with any other coupon or offer. All participating locations only.

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Only \$10.95 (Tax not included)  
A sure way to dazzle you - taste buds.

One large 16" cheese pizza, plus one regular 12" cheese pizza. Extra toppings just \$1.65 for both pizzas. Offer good thru: 10/27/87.

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Only \$12.95 (Tax not included)  
We double dare you to consume this much delicious pizza in one meal!

Two large 16" cheese pizzas. Extra toppings just \$1.95 for both pizzas. Offer good thru: 10/27/87.

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Limited delivery areas. Expires 10/27/87. Domino's Pizza, Inc.

113106141

# ARMY

Bob Ferrell  
Col. 1st Army ROTC

SMP, what is it all about? SMP stands for, Simultaneous Membership Program. This program was established for contracted cadets who wish to serve in the Army National Guard or the Army Reserve, one weekend a month and two weeks during the summer.

The training you receive, while in the SMP program will be officer task related. This means, you will be working with officers in your unit, being put in charge, and most important, gaining experience on becoming an Army Officer.

While in the SMP program, you will be paid as an E-5, and can also receive educational benefits under the new GI Bill. Scholarships can also be obtained within this program, which can help relieve the pressures of paying college tuition.

The National Guard and Reserve can also guarantee early acceptance into the branch of your preference, if you qualify.

The best way to become involved in the program is, as a MS-1 or MS-II, to join a National Guard or Reserve unit, train with them normally until your junior year, then apply for the SMP program.

These are only a few benefits of the Army National Guard and Reserve SMP programs. If you have any questions, please feel free to contact Maj. Hunter concerning National Guard or Maj. McDougall concerning Army Reserve.

One of the schools that a cadet may attend during the summer break is the Airborne School in Ft. Benning GA, or for MS-III's there is a course offered at Ft. Bragg NC, before and after Advanced Camp. To say the least, Airborne School is like no other course in the world.

The training is divided into three sections: ground week, tower week and jump week. Training during ground week is physically rigorous and mentally demanding. The basics of a parachute landing fall (PLF) are taught, and the student is introduced to the principles of "attention to detail." Every morning during the in-ranks inspection those who have reflected on

the "big" while developing their physique. Attention to detail is important in Airborne, as it is in most situations, for safety considerations.

During tower week, door positions, and aircraft exit procedures are taught. This training is facilitated through the use of aircraft mock-ups, one of which is situated atop a 34 foot tower. While wearing a parachute harness, and attached to chute risers, the fledgling jumper exits the tower and ride a system of pulleys and cables to the ground. An Airborne instructor on the ground guides the jumper's door position and exit procedures during the call. Tower jumping is incredibly fun but only a small prelude to what the jumper will ultimately experience.

The next and final phase of Airborne Training is Jump Week. During this week the jumper will make 5 exits out of C-130 or C-141 type aircraft. The written or spoken word cannot adequately describe the emotions or thought processes of the first time jumper, in the second's time frame between he/she steps into the door, until he/she receives the jump command "GO!" If there are any certainties in the world, one of them surely is that stepping out of the door of an aircraft at 1500 feet and 140 knots will always be an attention getting experience!

Cadets who wish to attend Airborne or Air Assault schools should contact their chain of command at the beginning of the Spring Term.

This past week marked the first of three donor sales activities in the University Center. Members of Alpha Company scanned the table and proved to be outstanding salesmen, usually selling out by 1100 hrs. Great job folks!

If there are any certainties in the world, one of them surely is that stepping out of the door of an aircraft at 1500 feet and 140 knots will always be an attention getting experience!



No Sweat . . .

Cadet Rick Williamson displays the "all the way" attitude during the Army ROTC blood drive held last Monday and Friday in Building M.

club photo by Gus Waterhouse

# ΣΧ Sigma Chi

Eric P. Hochman  
Chapter Editor

Despite inflicting a loss to the Air Force intramural football team, the mighty Blue and Gold intend to come back again.

The team's record is now 1-1, but they are not finished yet.

The brothers would like to congratulate all the rest of ERAU who have received bids to pledge to Sigma Chi.

The chapter looks forward to working with all of you in the coming weeks, and they wish you the best of luck.

Sigma Chi was started at the University of Miami, Ohio on June 28, 1855, and has grown to over 150,000 members since that time.

The Chapter at Embury-Riddle is now 16 years old, and 39 brothers strong. Each Chapter of Sigma Chi is given a great letter designation, with Eta Iota (HI), as this chapter's identifier.

This explains why you will see the letters HI on all of the brothers' jerseys.

Sigma Chi is a character building Fraternity, with friendship, justice and learning as its main ideals.

The brothers have said before that the key to a successful life is setting your goals and reaching for them.

The brothers practice what they preach, and as a collective unit set goals to strive for friendship, justice and learning.

# FLIGHT TEAM

J.P. Walsh  
Public Relations

Yet another week has gone by on the ERAU Precision Flight Team's busy road to Regionals, and what a productive week it has been.

For quite some time now, team members have been polishing their aeronautical skills, and have been painstakingly trying to demonstrate their competition aptitude to the team coaches.

Initial cuts have been made for the simulator and accuracy landing events.

Prospective contestants for the simulator event are: Steve Cagle, Steven Haddad, Dave Hagen, Joe Trocki, and J.P. Walsh.

While all five persons will be practicing for this event almost until competition day, only the best three will be chosen to compete.

The same goes for the eight members selected for the accuracy landing events: Steven Haddad, Dave Hagen,

Steve Kidder, Cris Nicholson, Mike Rapusano, Filip Smith, Greg Tsunamasa, and J.P. Walsh.

After several more weeks of practice, the final landing squads will be cut down to five persons, with the extra three serving as alternates.

The new member recruiting campaign is well under way and so far is a tremendous success.

The team received approximately thirty-five completed applications and will be interviewing most of the applicants Wednesday and Thursday nights, September 30 and October 1.

By Friday, all the new members will know who they are and will be ready to represent the one and only aeronautical university—ERAU!

Finally, the flight team wishes to welcome Steve Cagle to our executive board as our new Vice President. It will be a pleasure working with Steve in the months to come.

# AXA

Michael Teyman  
Fraternity Writer

What do you get when you cross cryptic clues scattered throughout Daytona Beach with a fraternity filled with lead-footed drivers?

The second Lambda Chi Alpha Road Rally, of course. On Friday night, the brothers, crew, and associate members grouped up into teams to challenge the first puzzling clue which, when solved, told the location of the next clue.

The teams packed into their respective vehicles and headed toward the next clue. This went on most of the night, until the teams finally figured out the last clue.

Then everyone went back to the house to celebrate with the winners.

This party rocked well into the wee hours of Saturday morning, which made it quite difficult for all to wake up for the car wash on that day.

Nonetheless, perfect attendance occurred, and a very profitable fund-raiser ensued. Congratulations to Tom Lyons, who excellently planned and coordinated the car wash.

Remember, the brothers of Lambda Chi Alpha would like to meet you if you are interested in the activities of the Fraternity of Honor and Friendship.

One way we can meet you is if you stop by our open meetings on Mondays at 7 p.m. in A-109. Hope to see you there!

Our "Bachelorette Party" had most of the girls blushing—especially our president Nancy.

# ΘΦΑ

Marnie Sablan  
Secretary

Rush is over and we're glad to see that it was a tremendous success.

All the Theta Phi sisters worked hard to have everything go smoothly and our efforts have been rewarded.

Our "Bachelorette Party" had most of the girls blushing—especially our president Nancy.

We know she enjoyed it though, it was great that we were able to have one of our alumni, Charlie Bines, there to join the fun.

At our "Life's A Beach" party we got to listen to the Beach Boys, eat hot dogs, drink root beer floats, and learn about life in a sorority. It was great.

For our last rush party we held a White Rose ceremony this took place at the President's Residence.

This party always makes a very special time for the sisters and the rushers.

Speaking of parties, the opening of the Theta Phi Bar was quite a success. We may have to have another one.

We would like to wish the new pledges the best of luck this semester.

There are many activities planned for those involved. This is going to be a great semester girls!

# LACROSSE

C. Sears  
Team Writer

It seems that Capt. Page's inevitable decision to rechedule practice as a more decent hour has made attendance a viable alternative to staying home and watching television. The turnout has been tremendous.

Veteran defensive back Marty Curroonee was honored to say that he was favorably impressed by this year's defensive unit. "They're good

boys," remarked Camparola. The attack, led by point man Long Island stick John Curroonee, will pose a perplexing problem to unwary defensive squads. Curroonee's attack secret: "We hope to translate that confusion into goal-scoring opportunities."

The 1987 midfield lines received a much needed boost from incoming freshmen. Chris "Dodge Dart" Watson had a few words to say on the subject. "There's more people here now than there were before."

Rating the goalkeeper, Scott Schindler commented on his view of

the last bastion of defense, "McCarthy's hurt but I can take the heat."

Player/Analyst John Kirk may or may not do either this season's analysis however, did seem to reflect the consensus of the returning players. "With the temporary equipment shortages as the only obstacle standing between this view and its fielding of a team capable of putting an "X" in the win column on October 24th, the sisters of Theta Phi Delta will be no doubt that this year's team is not one to be taken lightly."

# ΣΦΔ

Drew Miller  
Club Writer

Welcome back to school this fall. We're getting off to a good start with our successful rush events

and a fine pledge class.

We'd like to welcome Kevin Cooke and Karl Harwood from our chapter in Prescott.

Finally, welcome to the pledge class James Arlos, Frank Carpenter, David Chipperman,

Derek Cox, Jack Franks, Earl McDonald, Trevor Kent, Warrin Ramirez, Todd Root, Eric Smith and Michael Valdez.

Have a heck of a week brothers and pledges.

# AHP Alpha Eta Rho

Kimberly Storer  
Club Writer

The past weekend marked our first outing with official pledges for the Fall '87 pledge class. Many brothers and pledges conveyed their way along I-4 to the Kissimmee Air Show.

Also this weekend, AHP brothers

helped in school and community activities. Friday night they worked C.A.R.A.L. and Saturday and Sunday they helped with special olympics. We look forward to more community service projects in the future.

The Team Rho, football team is doing exceptionally well this year. With an undefeated record, our brothers are very pumped for a win-

ning season. In each of our games it has been a complete shut-out, just the way we like it.

Alpha Eta Rho will be very busy in the upcoming weeks as Greek Week is on its way. Also AHP along with Sigma Phi Delta will be the host of the annual TOGA October 24. The sisters of Theta Phi Delta have invited AHP to join them in a Pig Roast some time in the future.

# AAA

Keith Winn  
Club Writer

The September dinner meeting will be held the 24th of this month at Patrick Air Force Base. Eighteen members and two faculty attended.

The guest speaker was Al Martin of Rockwell International, who had spoke about changes being made on the Shuttle.

The talk was both interesting and informative. The social held Sat. the 26 was

not very well supported by the local members, however those that did attend had a good time.

Thanks to all those who helped set up and clean up! Don't forget the next meeting is Oct. 9 at 1:30 pm. in W306.

# ROA Reserve Officers Association

By Cadet James Malasio  
Secretary

The 1987 ROA season is off to a great start as one of the largest organizations on campus will

than 140 motivated members. ROA's plans for the near future are the Ultimate game in October and November, October races at the Daytona Speedway, and a guest speaker appearance by Dr. Pope on Tues 13 October.

Designs are being selected for the back of the ROA T-Shirt. Submit your idea and name to the ROA box in the Air Force detachment.

The next meeting will be on Tues. 13 Oct in W306 at 2000hrs.

Julie Plummer  
Acting President

I would like to say thanks to everybody who dedicated a lot of their time to getting the Model Senate Club formed. To those of you who are interested in politics, debating, or just meeting people, the Embury-Riddle Model Senate Club is for you.

There is no discrimination on political beliefs,

everyone is welcome. Our first meeting is Monday, October 12, at 7:30 pm. in the FSI. We will be planning the semester projects and goals. Another thanks goes out to everyone who showed up for the group picture on Friday, October 2.

If you are interested in the club or would like more information enter contact Julie at Box 7873, or P.O. Box 1/20, or Dr. Ann Apperson.

# MODEL SENATE

Michael Teyman  
Fraternity Writer

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# Orbital Inclinations



## Happy birthday Sputnik

By Jim Smeick  
Special to the Avion

This past weekend marked the thirtieth anniversary of the launch of Sputnik 1. On October 4, 1957, the Soviet Union launched a beachball-sized orb weighing 184 pounds. The first artificial satellite had entered the realm of space and forever changed the way man would look at the heavens.

That first satellite, anything harmlessly about the Earth every 96 minutes, sent a wave of fear through the people of this country. President Eisenhower pretended to remain nonchalant about the event — saying that the Soviets had "put one small ball in the air. I wouldn't believe that at this moment you would have any fear of the intelligence aspects of this." The President commented that Sputnik's weight had "astonished our scientists and delighted that the Soviets seem to have had a great psychological advantage throughout the world." Sputnik made history in 1957, and set in motion the history of future generations. Billions of dollars were poured into a space race that put 12 men on the moon by the end of 1972. All of the men were citizens of the United States.

Oh sure, we won this race to the moon, but years later we find our presence in space amounting to just about everyone. Who has a space station in orbit right now with man on board setting space endurance records? Who has the most man-years in space? Who has consistently launched more payloads into space each year since the late 60's? Who has the most powerful booster on Earth right now? Who has proven itself to be an aggressive major player in space operations, rightly proud of their accomplishments? That's right, it's the Soviet Union.

What has the U.S. done to beat us to lately? One month ago the orbiter Columbia was launched about the length of a football field from the Vehicle Assembly Building to a new Orbiter Maintenance and Refurbishment Facility. Wow. Our Congress is fighting over funding for future space projects, and the Executive branch's space policy is as empty as the vacuum of space.

Although two senior-level reports dealing with future space objectives have been produced under Executive mandate and widely endorsed by pro-space groups, the Reagan Administration has all but ignored doing anything with their findings. In 1957, Sputnik touched off a technological race for world prestige. Sputnik's anniversary in 1987 will have to do the same if President Reagan wants to assure his place in history, and the U.S. is to regain its posture as a world space leader.

# Soviet space has a positive year

## US space projects beginning to fall behind Russian projects



Number one...

Sputnik has a place of honor in the Soviet Space Museum in Moscow. Oct. 4 is the 30th anniversary of the first satellite.

Associated Press

An unmanned cargo craft carrying fuel, food, equipment and mail for two cosmonauts docked Sat. with the Soviet Union's orbiting Mir Space Station, the official Tass news agency reported.

It said the Progress 32 cargo craft replaced Progress 31, launched in early August and jettisoned 'Wot' by the space station.

Ground control guided the cargo craft while cosmonauts Yuri Romanenko and Alexander Alexandrov

maneuvered the space complex for the docking, Tass said.

Romanenko, 42 is scheduled to break the space endurance record of 237 days on Wot.

He and another cosmonaut, Alexander Laveikin, left for the space station on Feb. 6 to conduct a series of experiments.

Laveikin was brought back down in July and replaced by Alexandrov after Laveikin showed signs of developing a heart condition, Tass said. Romanenko and Alexandrov are feeling fine.

## US buys Russian photos

By Chip Zadorov

The U.S. Geological Survey, a part of the Interior Department is inquiring to buy photos of Earth taken by Soviet satellites. The Geological Survey makes and sells maps for cartographers, volcanoes, water pollution and other aspects of geology and hydrology.

As an effort to sell space-related goods, the Russians have begun to sell photographs of space that are superior to any in the West.

One official at the agency's head-

quarters in Reston, Va., speaking on the condition of anonymity, said scientists there were "going ape" over sample Soviet photos and use them routinely in their work.

The proposal conflicts with Reagan administration attempts to prevent the Soviet Union from stealing a part of the Western space market. It is also likely to anger the Defense Department, which believes civilian space photos in general, and especially Soviet space photos, are being more and more abused in ways once reserved to any in the West.

See PHOTO, page 14

## USSR will be first to Mars

Associated Press

According to NASA Administrator James Fletcher the Soviets will beat the United States to Mars, probably landing cosmonauts on that planet by the end of the century.

"They probably would win a race," Fletcher told the San Francisco Chronicle on Thursday.

A cooperative flight to Mars with the Soviets "is a possibility that should be examined," added Fletcher, who was in San Francisco to address the Commonwealth Club.

Fletcher, head of NASA in the early 1970's, came back to direct the agency after last year's Challenger disaster.

The American space program is "solidly on the road back to reliable operations," he said, but added the program must be rebuilt on a "steady, step-by-step basis."

He said that about the time the Soviets land on Mars the United States should be concentrating on such missions as a permanent base on the moon and scientific uses of a space station as preliminary steps to any Mars mission.

## US/USSR work together

National Aeronautics and Space Administration

specimens. More than 50 NASA-sponsored scientists from Ames Research Center, Moffett Field, Calif., and universities throughout the nation are involved directly in 27 major projects.

On September 29, the Soviet Union successfully launched Cosmos 1887, a biosatellite mission carrying 2 monkeys, 10 rats and plant

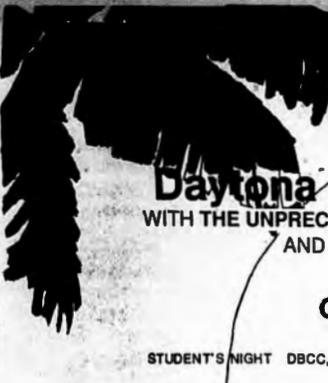
See USSR, page 9

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# Penrod's

ON THE BEACH



## Daytona's original SUPER-CLUBS

WITH THE UNPRECEDENTED SOUND QUALITY OF THE PLANTATION CLUB  
AND THE NEW SOUND SYSTEM OF PENROD'S

DON'T SETTLE FOR SECOND BEST

### OCTOBER PARTY SCHEDULE

**TUESDAY**  
STUDENT'S NIGHT DBCC, Embry Riddle show school ID and drink \$1 drinks and \$1 imports all night

**WEDNESDAY**  
LADIES' NIGHT Penrod's Beach Club and The Plantation Club - Ladies drink free and pay No Cover 9-12 \$1 imports and 2 for 1 drinks all night

**NEW WAVE NIGHT** Penrod's Beach Club - Daytona's Original Wave Night \$1 imports and 2 for 1 drinks all night

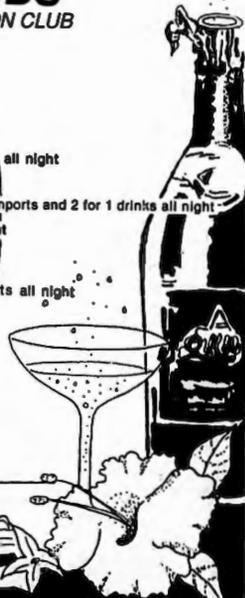
**THURSDAY**  
STUDENT'S NIGHT DBCC, Embry Riddle show school ID and drink \$1 drinks and \$1 imports all night  
21 and over pay no cover or you can pay \$10 cover and drink free all night long

**FRIDAY AND SATURDAY**  
2 for 1 clubs free drinks from 9-11 2 for 1 drinks 11-close Imported beer specials

CLOSED SUNDAY & MONDAY

\*\*\*\*\*  
18 and over with proper ID  
for private party information call: 255-4471 ext. 1427

Students over 21 Free VIP card. Students under 21 ask for your VIP card at the door



# STS-26 will carry 12 payloads into space

By Chip Zadow

The payloads for the next space shuttle mission, (STS-26), have been released by NASA. The flight is to include experiments in life sciences, atmospheric science and infrared communications, five microgravity experiments, as well as two student experiments.

The primary payload to be carried aboard *Discovery*, scheduled for launch in June of 1988, is NASA's Tracking and Data Relay Satellite (TDRS). While there is one TDRS in orbit, another is needed for the satellite network to achieve maximum efficiency. Unfortunately a previous TDRS was lost in the Challenger accident. Listed below is the additional cargo that will be flown in *Discovery's* middeck area.

The Automatic Directional Solidification Furnace, which is a technology demonstration of directional solidification of magnetic materials, immiscibles and infrared detection materials.

A materials research experiment called, The Physical Vapor Transport of Organic Solids, of the 3M Corp. will grow crystalline films on a substrate of organic solids.

An Infrared Communications Experiment will demonstrate the feasibility of using diffuse infrared light as a carrier for Shuttle crew communications.

The Protein Crystal Growth will utilize the weightless environment of space flight to grow protein crystals of a size and quality needed to determine the molecular structure of the proteins. Such information is essential for understanding protein functions, synthesis and for drug design.

An Isocentric Focusing Experiment will gather data on the extent of electro-osmosis in space. The Handheld Microgravity Experiment will be simple experiments to study low gravity effects on selected physical processes. This experiment, also called Phase Partitioning Experiment, will study the physical associated with the separation of 1-to-polymer solutions, which could lead to a better understanding of a method used in separating biological cells.

The Aggregation of Red Blood Cells will experiment with the aggregation of red cells and blood viscosity under low-gravity conditions. The Earth-limb Radiance Experiment will obtain measurements of Earth-limb radiance for various positions of the Sun.

The final commercial experiment is the Mesoccale Lightning Experiment. TV and photographic data will be used here to survey the correlation between lightning phenomena and severe weather activity.

One of the Student Experiments,



STS-26 crew members (from L to R): David Hilmer, Richard Covey, John Louche, Frederick Hauck, and George Nevill.

designed by high school student Lloyd Bruce, St. Louis, Mo., and sponsored by McDonnell Douglas, is a titanium grain crystal reorganization study, which will heat titanium metal filaments to observe the effect of weightlessness on its molecular structure.

The other Student Experiment,

designed by S. Richard Cavell, Marlboro, N.Y., and sponsored by Union College, Schenectady, N.Y., will study the control of crystal growth through the use of a semi-permeable membrane. Such crystals have application to development of image-intensifying screens for use to detect gamma and X-rays.

(Continued from page 8)

for joint experiments aboard Cosmos 1827.

The cooperative effort is taking place as one of the 16 agreed projects under the US-USSR Space Agreement signed in Moscow in April. Ames Research Center has lead responsibility for implementing U.S. participation in Cosmos 1827. These experiments are investigating the effects of space flight on the major body systems, including skeletal bones and muscles, the nervous system, heart, liver, several glands and blood. Special tissue culture studies using pituitary cells will study growth hormone. Spleen and bone marrow cells will be used to investigate the effects of microgravity on the immune system.

The experiments are being performed in collaboration with Soviet research scientist teams managed by the Institute for Biomedical Problems in Moscow. The Soviets will provide tissue samples from five of 10 rats that will be flown up to 14 days aboard the spacecraft. The majority of the scientific specimens will be returned to the U.S. in late October and distributed to the scientific teams around the country. The remainder of the biometrics will arrive in early November for analysis.

The United States has collaborated with the Soviet Union for

more than 16 years in space biology and medicine, with the U.S. participating in five previous Cosmos missions. The last collaborative mission was in 1985 and involved a single American experiment.

A preliminary report on the results of these studies will be released 60 days after recovery of the spacecraft. A final report will be released in 6 months.

**HELP!**  
Space Tech needs writers!

For an inside look at the Space Program, join the AVION Space Technology staff!



Meetings WED. 1700 at the AVION office

# European Ariane has successful launch and places two satellites into orbit

By Michael Fried  
Avion Staff Reporter

An Ariane rocket successfully placed two satellites into geosynchronous orbit, 22,000 miles high, September 15. The launch put the Ariane rocket back into the commercial satellite launching business following suspension of flights in 1986 when another Ariane failed to reach orbit.

One satellite launched, the ECS-4 spacecraft, was designed and built by the European Space Agency (ESA). The satellite is being operated by the European Telecommunications Satellite Organization (EUTELSAT), which has 20 member nations. The satellite provides EUTELSAT with a telephone network and television capabilities. The ECS-4 spacecraft is the third satellite of the network, with the final (ECS-5) to be launched in 1988.

The other satellite launched, Ausat K3, is a multi-purpose telecommunications and direct broadcasting satellite. It is the last of three satellites for the Ausat Co., linking all of Australia with one satellite network.

The successful V-19 mission places Ariane back into the commercial satellite launching business. Before the resumption of flights, there have been numerous modifications to the rocket. Mainly creating a more reliable Ariane space plans two more launches for the remainder of 1987.

A launch in November will boost the TV SAT 1 on an Ariane 2 rocket. In December an Ariane 3 will launch the GSTAR 3/GEOSTAR RO1 & TELECOM IC. The first flight of the Ariane 4 rocket is scheduled for 1988. ArianeSpace is currently one of the largest satellite launchers in the world. The development of the Ariane rocket began in 1973 by the European Space Agency (ESA). In January of 1980, ESA turned the company

into ArianeSpace. ESA includes 13 member European nations. ESA is responsible for the company CNES (French Space Agency) controls the financial management and technical direction of the program. ArianeSpace is responsible for building and launching the rockets.

All launches take place from the Guiana Space Center. Its located near Kourou, in French Guiana. ESA has built two launch pads, ELA-1 & 2. The 1's are both located near the equator, allowing greater use of the Earth's rotational speed for lifting payloads into orbit.

ELA-1 has been used since 1979, it can handle the Ariane 1, 2 & 3 launch vehicles. It takes two months to process the rocket and have it ready for launch.

ELA-2 is the most recently constructed pad. It began operations in 1986. The pad is capable of launching a rocket every month. By having one rocket on the pad, another rocket can be erected 10KM away in the vertical

Assembly building. In addition to processing time, the pad is also capable of launching the Ariane 4 & 5 versions.

ESA has currently developed five versions of the Ariane rocket. The Ariane 1 was first launched in 1979, with the last launch in 1986. It has the capability to launch 1850 Kg. into geosynchronous orbit.

The Ariane 2 vehicle is identical to the Ariane 3 except for strap-on boosters. It can lift 2175 Kg into orbit.

The Ariane 3 was first launched in August 1984. The rocket uses 2 solid propellant strap-on boosters to lift 2000 Kg into orbit. In addition to possessing extra thrust, the Ariane has been modified to hold the Ariane Dual Launch External Bearing Structure (SPELDA). It allows the rocket to carry two satellites on top of each other.

See *ARIANE*, page 14

# EAGLE FLIGHT CENTER

THE FIRST FLIGHT OF THE ARIANE 4 ROCKET IS SCHEDULED FOR 1988.

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C150 .....	\$27.00	Arrow (IFR) (Air Conditioned) .....	\$59.00
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C152 IFR (3) .....	\$33.00	Saratoga SP (Loaded) .....	\$59.00
C152 Aerobal .....	\$33.00	Seminole (Twins) (2) .....	\$110.00
C172 IFR (6) .....	\$44.00	Seaplane (Lake Buccaneer) (Dual) .....	\$149.00
C172 RG .....	\$55.00	Beech Baron (Twin) .....	\$115.00
Warriors (2) (IFR) .....	\$47.00	Simulator (AST 300 S/E & M/E) .....	\$16.00
Super Decathlon .....	\$49.00	Complete Aerobatic Course (C152A) .....	\$425.00

**4 Week Ground School**

COURSE	COST	DATES	DESCRIPTION
PRIVATE COURSE	\$185	Oct. 8, 8, 13, 13, 20, 27, 27, 29, Nov. 3, 3	7-9 p.m. Every Monday & Wednesday
INST. COURSE	\$185	Oct. 12, 12, 19, 21, 24, 28, Nov. 3, 3	7-9 p.m. Every Tuesday & Thursday

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**Aviation Career Information**  
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- (2) How much total flying time do you have?
- (3) How much multi-engine flying time do you have?
- (4) How much turbine flying time do you have?

**If your answers are:**

- (1) Yes, I have a 4-year degree (Most Important)
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- (3) 10 hours total time (You need 300-500 hours)
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**NOTICES**

**WELLNESS WEEK**

"WELLNESS WEEK" sponsored by the department of Recreation, Health Services, Counseling and Housing

**THURSDAY, OCTOBER 8 1987**  
8:30 p.m. - University Center - Orthopedology Lecture, Dr. Inlander, LL.D.P.A.

**SATURDAY, OCTOBER 10, 1987**  
Dona Olympics

**THURSDAY, OCTOBER 13, 1987**  
11 a.m. - 2 p.m. - University Center - Health & Fitness testing  
7 p.m. - Dorm 1 - Running Injuries Lecture, Dr. Thompson, F.A.A.P.P.

**WEDNESDAY, OCTOBER 14, 1987**  
11 a.m. - 2 p.m. - University Center - Health & Fitness Testing  
AIDS Movies, Health Issues: Questions answered by Lynne Craft, Health Educator.  
7 p.m. - Common Purpose room - Diet Modifications & Weight Loss, Carol Oyster, M.S.W., ACSW.

**THURSDAY, OCTOBER 15, 1987**  
12 p.m. - 2 p.m. - University Center - Dealing with Anger: Stress, Mental Health! players, Mental Health Association.

**FRIDAY, OCTOBER 16, 1987**  
1:30 p.m. - 3 p.m. - Bldg. A-109 - Dream Interpretation, Norman Brown, Ph. D., ERAU Psychology Instructor

Sign-up for "Kick a Bad Habit", etc. Tuesday, through Friday at the Wellness Table.

**ATTENTION FOREIGN STUDENTS**

The International Association for the Exchange of Students for Technical Experience, (IAESTE), is an agency that assists students in finding practical training in 49 countries around the world.  
Through this agency, you may be able to secure a Co-op position and receive credit towards your degree.  
If you are interested in contacting this organization, please see Cynthia Fernie in the Career Center of Terrie Davis in Foreign Student Services.

**KNIGHTS OF COLUMBUS**

Are there any members of the Knights of Columbus on campus now? Is there anyone who is interested in becoming a Knight? If your answer to either question is "yes", please contact:  
Father Kean Morris, OFM, Office of Campus Ministry, Dorm II, room 277, 239-6580.

**BOOKSTORE CLOSURE**

The University Bookstore will be closed for carpet replacement from Wednesday, October 14, 1987 and will reopen on Monday, October 19, 1987.  
Please plan in advance as the Bookstore will not be able to sell or process any business during this time.

**ZONTA AMELIA EARHART FELLOWSHIP AWARDS**

Zonta International is now accepting applications for the 1988-89 award year. Zonta International offers \$6,000 in grants to women for graduate study in aerospace-related science and engineering.  
For applications and information, Write to: Zonta International, 557 W. Randolph Street, Chicago, IL 60606 or call 312-346-1445 (until October 1) 312-930-5848 (after Oct. or 1)

The National Science Foundation is now offering Graduate Fellowships and Minority Graduate Fellowships that will begin in the Summer, 1988 or the Fall, 1988.  
To be eligible an applicant must be a U.S. citizen or national and enrolled in a science or engineering program leading to a master's degree.  
For information and application materials, Write to: The Fellowship office, National Research Council, 2101 Constitution Avenue, Washington, DC 20418 or call (202) 334-2872  
The application deadline date is November 13, 1987.

**FINAL NOTICE**

Friday, October 9, 1987 is the deadline for December 1987 graduation application. Please be advised that NO DIPLOMA will be ordered if this application is not processed by the Registration and Records Office. Prospective graduates are required to make formal application for degree completion and complete Alumni forms.

**EXPERIENCE PLUS**

Our next meeting will be on Thursday, October 8 at 6 p.m. Non-traditional students will be getting together in a social atmosphere to discuss issues that effect them as non-traditional students.  
If you are interested in joining our group, please stop by the Counseling Center and contact Lynne Evers or Patsy Ruddy at 239-6035 for further information.

**STUDENT ANTICIPATING SPRING '88 GRADUATION**

We suggest that you fill out your graduation application as soon as possible in order to get a "PRELIMINARY GRADUATION EVALUATION". This will help make your completion a smooth one.

**STUDENT EMPLOYMENT**

Tutors are needed at Holly Hill Elementary School in all subject-Grades kindergarten through six. If you can volunteer your time from 2:45 - 3:45 on Tuesdays and Thursdays please contact the ERAU Community Relations Office at extension 6366.

**FAA EXAMINATIONS**

Embry-Riddle Aeronautical University will administer FAA Pilot and/or Instructor Written Examinations for the following:

1. (PA) PRIVATE PILOT-Airplane
2. (CA) COMMERCIAL PILOT-Airplane
3. (PIA) FLIGHT INSTRUCTOR-Airplane
4. (FO) FUNDAMENTALS OF INSTRUCTING-Flt. & Ground Instructor
5. (BG) FUNDAMENTALS OF INSTRUCTING-Basic
6. (AG) FUNDAMENTALS OF INSTRUCTING-Advanced
7. (ATP) AIRLINE TRANSPORT PILOT-Airplane (FAR part 121)
8. (ADX) AIRCRAFT DISPATCHER
9. (ATA) AIRLINE TRANSPORT PILOT-ATP Airplane (FAR 135)
10. (IRA) INSTRUMENT RATING-Instrument Pilot Airplane
11. (FI) INSTRUMENT RATING-Flight Instructor-Airplane
12. (ICI) INSTRUMENT RATING-Ground Instructor-Instrument
13. (PEI) FLIGHT ENGINEER-Basic
14. (PEI) FLIGHT ENGINEER-Turboprop
15. (PEI) FLIGHT ENGINEER-Turboprop/Basic

October 13, and 20 Tuesday 8:30 a.m. 11-131, ORW Complex  
October 31 Saturday 8:30 11-113, ORW Complex

Students intending to take an FAA Pilot Written Examination are required to sign up in Office D-200 or call extension 6800 prior to examination day.  
At the time of the examination, each student must present a receipt for pilot exam fee, validated by the Coabier's Office; a Written authorization form signed by an appropriate Aeronautical Science department ground instructor, or the failed results of a previous FAA written examination, and present as per-wall identification an Airman Certificate, driver's license, or other official document.  
Explanation of appropriate forms and procedures will be given at 0830. Immediately thereafter, testing will commence and unless prior arrangements have been made, late examinees will not be permitted to enter the examining area while testing is in progress.

Are there any members of the Knights of Columbus on campus now? Is there anyone who is interested in becoming a Knight? If your answer to either question is "yes", please contact:  
Father Kean Morris, OFM, Office of Campus Ministry, Dorm II, room 277, 239-6580.

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\$5.99.....	\$4.99
\$8.99.....	\$5.99
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TDK SA3 90 Min. - \$2.99 each  
TDK SA 50 Min. - \$1.99 each  
XL II 90 Min. - \$2.99 each -2 Pack \$4.99  
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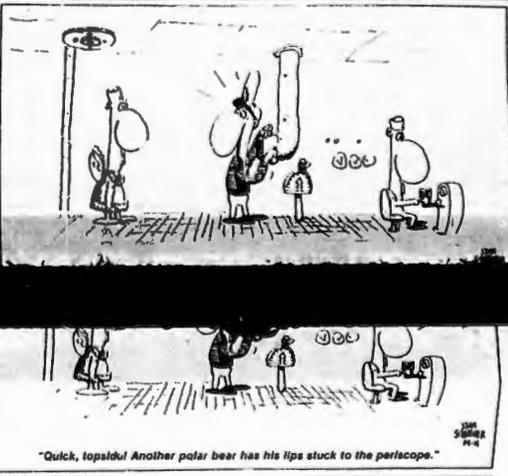
Berke Breathed



Shoe Jeff MacNelly



Military Mirth



The Puzzle

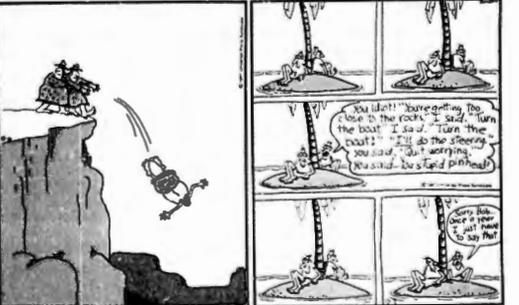


- ACROSS
- 1 Biographic
  - 4 A state abbr.
  - 6 Rocklike hole
  - 11 Needed
  - 13 Peacock
  - 19 In the manner of
  - 18 Food programs
  - 19 Poker stakes
  - 23 Pounds per
  - 24 Metal fastener
  - 27 Greek letter
  - 28 Deceive
  - 31 Possessive pronoun
  - 31 Changes color
  - 33 Exclamation
  - 34 Hypothetical force
  - 35 Once around
  - 38 Birch
  - 38 Habbal
  - 40 Hebrew letter
  - 41 Jim's pen
  - 42 Assistant
- DOWN
- 1 Graduates
  - 2 Dimes
  - 3 Printer's measure
  - 4 One's
  - 5 Standard of perfection
  - 6 Track
  - 7 Ethel
  - 8 Pair of horses
  - 9 Borodum
  - 10 Wooded
  - 12 Football score abbr.
  - 14 Symbol for
  - 15 Cerium
  - 17 Bound
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  - 24 Capri, e g
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  - 26 Scotland
  - 27 Related
  - 28 Footwear
  - 29 Covers
  - 30 Mental image
  - 32 Gracilaria
  - 32 Gracilaria
  - 33 High mountain
  - 37 Buttercranes
  - 42 Danish island
  - 44 Mountain on
  - 45 Crete
  - 46 Amount
  - 48 Plague
  - 49 Artist's stand
  - 51 Toward shelter
  - 54 Cook slowly
  - 56 Equality
  - 57 7-ply matters
  - 59 Zymbal
  - 60 Gallium
  - 62 Compass point
  - 64 French article

The Far Side



Gary Larson



See Solution, page 13

# What's Happening

By Brian Modell  
Avion Sports Editor

**PETITION DRIVE...** Petitions for the adoption of an intercollegiate sports program have been circulating all this week. If you would like to see varsity sports become a reality here at ERAU your signature would improve the chances. Petitions are circulating throughout the classrooms, university center, recreation, and student activities. If you have not signed the petition and would like to, or can gather signatures for the cause, sign by the Avion office and pick up a copy. We need to have all petitions in to Brian at the Avion by next week.

**BEACH VOLLEYBALL...** Anyone interested in starting a volleyball league down on the beach or just playing a few games on the weekend should contact the Avion. Those of you who signed up last week: We need more people, help spread the word. People can sign up individually or form a team for enjoyable recreation down on the beach.

**SOCCER CLUB MEETING...** The clubs next meeting will be held this Friday, 1:30pm, room A109. We will be discussing our practices, upcoming matches, and this weekend's party...be there!

## Football Standings

Team	North Division				
	W	L	T	PF	PA
Team Rho	3	0	0	84	2
Air Force I	3	0	0	37	6
Brothers of the Wind I	3	0	0	25	0
Sigma PI	2	1	0	35	25
Brothers of the Wind II	2	1	0	43	19
Lambda Chi Alpha	2	1	0	16	14
Delta Chi	1	1	0	25	26
Sigma Chi	1	1	0	14	46
P.M.S.	0	3	0	7	74
Sigma Phi Delta	0	3	0	7	74

Team	Central Division				
	W	L	T	PF	PA
'O'I's	3	0	0	90	6
Queebers	3	0	0	78	6
Ugg	3	0	0	69	0
Daytona 69ers	3	0	0	37	14
Grim Reapers	2	0	0	83	0
Bush Boys	2	0	0	28	0
Predators	1	2	0	12	36
Spaceluck	0	2	0	2	53
Wolfpack	0	3	0	22	53
Booleggers	0	3	0	12	118
Legion of Doom	0	3	0	0	102

Team	South Division				
	W	L	T	PF	PA
Pine Lakers	3	0	0	57	0
Tailhookers	3	0	0	58	6
Rough Riders	3	0	0	49	0
Hops	2	1	0	24	28
Force	1	1	1	32	49
University of Budweiser	1	1	0	20	31
Pythons	1	2	0	24	65
Moving Violations	1	2	0	0	46
Loopers	1	2	0	12	66

# ERAU Golf Team tees off for competition

By Dick Bryant  
ERAU Golf Coach

Daytona Beach, Fla. -- The 1987 Fall intercollegiate golf season began this past weekend at Indigo Lakes Golf Club. At the time of this publication, results were not yet finalized, but the ERAU golf team was faring well. Qualifying rounds were completed two weeks ago and the ten Finley-Riddle team members selected.

Led by returning veterans Phil Halbert, Scott Cross, Perrin Hysan, and John Evans, this year's promise to be competitive and should improve as the season progresses. In addition to the four re-entrants, newcomers Sacha Fvechis, Doug Doh, Andy Neustadter, Rusty Andics, David Calender, and Nik Wagner have shown promise during qualifying rounds.

The highlight of the Fall season will be the Florida Intercollegiate Championship which will be held at Pelican Bay right here in Daytona Beach for the third consecutive year. Every four year Florida College and University that has a golf team will compete, with the exception of the University of Florida. This will be the first year in the long history of

the tournament the Gators have not taken part. Florida State University, Miami, Boston University, and the University of Tampa (1986-87 NCAA Division II National Champions) will be among the teams competing.

The sixth annual ERAU Intercollegiate will be moved to Palm Harbor Golf Club this year from Pelican Bay. This tournament has an outstanding field of 18 teams who will participate, with several other teams having to be turned away.

Of all the tournaments, Coach Dick Bryant has the greatest respect for the field in the first tournament at Indigo Lakes. This is an Invitational Tournament with outstanding teams including several NCAA Division I schools taking part. We will have to play real well to beat any of the teams in this quality field. To be competing against a field such as this is a great tribute to the development of our golf program and we are proud to be part of a tournament such as this.

Anyone wanting to watch our golfers compete is welcome to attend any or all of the tournaments. Some of the finest college golfers in the country will be right here in the Daytona Beach area (this Fall, Oct. 4-6 - Stetson Invitational, Indigo Lakes; Oct. 18-19 - ERAU Fall Intercollegiate, Palm Harbor G.C.; Nov. 6, 7 - FL State Intercollegiate Championship, Pelican Bay G.C.; Nov. 22-24 - Citrus Bowl Intercollegiate, Hunters Creek G.C.).

# NCAA testing charged unconstitutional

National Student News Service

Lawsuits by student athletes are forcing the National Collegiate Athletic Association and affiliated schools into court to defend the constitutionality of their drug testing programs following a July decision by a Seattle judge finding the University of Washington's program unconstitutional on federal and state right to privacy grounds, many observers are predicting that the program will eventually be eliminated.

The court actions focus mainly on the random nature of the tests and the requirement that urine tests be monitored by school and/or NCAA officials. The suits have influenced policy changes at some schools, prompted others to join students in suing the NCAA, and enabled at least two student governments to block proposed testing programs entirely.

Without reasonable suspicion, or what's known as police jargon as "probable cause," is the way to deal with a perceived drug problem in college athletics is not consistent with this country's concepts of individual freedom," said David Miller.

The idea that random testing without reasonable suspicion, or what's known as police jargon as "probable cause," is the way to deal with a perceived drug problem in college athletics is not consistent with this country's concepts of individual freedom," said David Miller.

## Volleyball Schedule 10/7

Time	Home	Visitor
5:00pm	Court 1 Icaros	Windox
	Court 2 Bad Company	Mass Confusion
	Court 3 Sigma PI	Black Hawks
	Court 4 Sigma Chi	High Anxiety
5:30pm	Court 1 Delta Chi	Laxatives
	Court 2 Lambda Chi Alpha	ERAU Aerospace
	Court 3 Thomas Meadows	A.H.S.
	Court 4 Buzzin' Dozin	Sigma Phi Delta
6:00pm	Court 1 Brew Crew	Christian Fellowship
	Court 2 Aces High	Brothers I
	Court 3 Fuzzy Navel Boys	Brothers II
	Court 4 Klowa's	Procrastinators
6:00pm	Court 1 Little Rascals	Brothers II
	Court 2 Skullies	Bananas
	Court 3 Bald Eagles	Aviators

## Football Schedule 10/11

Time	Home	Visitor
11:00am	Lambda Chi	Team Rho
12:00pm	Loopers	Grim Reapers
1:00pm	Sigma PI	Wolfpack
2:00pm	Pine Lakers	Force
3:00pm	Predators	Queebers
4:00pm	Daytona 69ers	Hops
5:00pm	Brothers I	Air Force I

Time	Home	Visitor
11:00am	P.M.S.	Sigma Phi Delta
12:00pm	Bush Boys	Booleggers
1:00pm	Rough Riders	Delta Chi
2:00pm	Sigma Chi	Brothers II
3:00pm	U. of Budweiser	Pythons

## Football Results

Lambda Chi	30	Brothers of the Wind I	19
Air Force I	19	Sigma Phi Delta	19
Sigma PI	W	Team Rho	18
U.S.M.C.	F	Spaceluck's	2
Brothers of the Wind I	19	P.M.S.	2
Sigma Phi Delta	19	Delta Chi	9
		Booleggers	6
		'O'I's	19
		Pythons	12
		Wolfpack	8

## Football Results

Lambda Chi	0	Brothers of the Wind I	19
Air Force I	19	Sigma Phi Delta	19
Sigma PI	W	Team Rho	18
U.S.M.C.	F	Spaceluck's	2
Brothers of the Wind I	19	P.M.S.	2
Sigma Phi Delta	19	Delta Chi	9
		Booleggers	6
		'O'I's	19
		Pythons	12
		Wolfpack	8



Avion photo by Rich Gray

## The pressure's on...

The Lambda Chi pass rush is on but the Air Force kept cool enroute to a 19-0 victory. Air Force is one of thirteen

urban teams in the intramural league. Action is heating up around the league coming into week four of the season.

## Tennis results

Dave McMillon	def.	Tony Fonseca	6-1,6-1
Matt Godfrey	def.	Kevin Hyllton	6-1,6-1
Brian Roche	def.	Eric Slaney	6-2,6-2
Mickey McDowell	def.	Anthony Montalto	6-0,6-4
Bob Forbeck	def.	Chris Hartman	6-3,6-1
James Bower	def.	Bob Balser	6-4,4-6,7-5
Belwyn Shand	def.	Patrick Malnes	6-4,7-6
Craig Dembeck	def.	John Cockburn	6-1,7-6,0
Marcos Carvalho	def.	Bob Ballaragon	6-1,5-7,6-4
Ken Saunders	def.	Try Wilson	6-1,7-6,0

## Tennis schedule

Buzz Harrell vs. Marcos Carvalho	Jon Burrows vs. Paul Wheeler	Hans Prouty vs. Chris Hartman
Dave McMillon vs. Fermin Reboja	Bob Ballaragon vs. Tony Fonseca	John Cockburn vs. John Strelecky
Brian Roche vs. Eric Slaney	Brian Roche vs. Eric Slaney	Victor Santiago vs. Elliott Garcia
Bob Forbeck vs. Eric Fulop	Jeff Lasco vs. Matt Schreier	Oral Merlin vs. Peter Casemira
Robert San Gabriel vs. Guillermo Gutierrez		Shand/Cress vs. Gutierrez/Mera
		Curtis Johnson vs. Peter Weinman

John Strelecky	def.	Scott Leesch	6-1,6-1
Lulu Santana	def.	Alex Kapitan	6-1,6-2
Gutierrez/Mera	def.	Gaston/Gaston	6-4,6-4
Reeder/Weich	def.	Wheeler/Thompson	6-1,6-0
Booleggers	6		
Brothers II	7		
Dogs	30		
Force	5		
Ve's Club	F		
Queebers	W		
Legion of Doom	0		
Bush Boys	28		

Correction Week 2			
Queebers	45		
Booleggers	6		
Booleggers	6		
Brothers II	7		
Dogs	30		
Force	5		
Ve's Club	F		
Queebers	W		
Legion of Doom	0		
Bush Boys	28		
Correction Week 2			
Queebers	45		
Booleggers	6		

## Brian's Football Pool

Brian .625%

Lambda Chi	vs	Team Rho	✓
Rough Riders	vs	Delta Chi	✓
Loopers	vs	Grim Reapers	✓
Sigma PI	vs	Wolfpack	✓
Pine Lakers	vs	Force	✓
Predators	vs	Queebers	✓
Brothers I	vs	Air Force I	✓
P.M.S.	vs	Sigma Phi Delta	✓
Bush Boys	vs	Booleggers	✓
Daytona 69ers	vs	Hops	✓
Sigma Chi	vs	Brothers II	✓
U. of Budweiser	vs	Pythons	✓

**TIEBREAKER:** Predict the score of any one game above. List teams with score.

NAME: \_\_\_\_\_  
ERAU BOX: \_\_\_\_\_  
PROGRAM: \_\_\_\_\_

Rules of the contest: Circle the team that will win the game. Return the game card to the Avion or drop in Campus mail by the Friday before the games. The winner will be posted and will have his/her selections published in the following edition.

Last week's winner: Kent James Kent is a graduating senior in Computer Science and correctly selected winners for 9 of 12 games. It was unavailable to make selections in this week's football pool but will be appearing next week with our first winner Curt Norcross.

Autos for sale

'74 TOYOTA CELICA - Good running condition, 100,000 miles, new tires, good gas mileage. Make 761-5628 or box 1097.

'71 VW SUPER BEETLE - Excellent, 1400 cc engine, 150,000 miles on original engine. Have all maintenance records. Make an offer call 673-6492, leave message.

'79 VW RABBIT - Good condition, runs great, 23000 255-2331.

'81 CHEVETTE (BLAU) - 43,000 miles, best offer, need money. Excellent cond. must see. 233-5227.

'79 CORVETTE 350 in. Yamaha scooter system with Blomquist equalizer, coil damp, roller damper and other toys. Low miles on engine. Well maintained. \$9,200 761-1054 or call for Collin, serious inquiries only.

'79 RX7-500 hp engine with 31K miles, body painted, 15" wheels, K&N interior, a custom paint and much more, \$6,500 677-942.

'75 CADILLAC ELDORADO - 76,000 actual miles. 500 cc in engine, white leather interior, power everything. Call Rick at 760-214-8120 msg. (great shape)

'74 PLYMOUTH DUSTER - Monthly payments, "like condition" 6 cyl, automatic complete, less asking \$4872. Call Chris 233-1176, leave message.

'74 FIAT 127 - 29,900 mi, AM/FM cassette, power, new tires, 302 horsepower complete, less asking \$4872. Call Chris 233-1176, leave message.

Cycles for sale

'80 HONDA 650-23,000 miles, \$650 o.b.o. call Ed Pivonia at 761-5628 or see me at the rightfield 17 840.

'78 YAMAHA 400 XS - with helmet for sale, \$2500 o.b.o. contact Paul at 768-7163 box B10.

'79 YAMAHA XS-400 - regular bike, runs good, \$335, contact Steve at 761-7267.

'82 HONDA 650 NORTHWIND - 20,000 mi. Just traded, runs very well, two new tires and new disks, selling \$500 above call 233-7654, BIL.

'75 HONDA 500 INTERCEPTOR - 6500 miles, 10000 actual. Other offers. Only \$2300 call 255-3648.

'80 SUZUKI CB 500-L, will sell for parts, probably overvalued. Call John at 756-1887, make offer. 233-1895.

'81 INTERCEPTOR 500 - Comes with complete maintenance record. April Roadline Sponsor helmet and a foam padded luggage carrier that mounts on the gas tank. \$1300 above call Ray after 6 pm. at 256-5069.

FOR RENT - 3 bedroom, 2 bath house. 1 car garage, private fenced yard, house is 3 years old and 4 miles from Victoria Mall. Very nice house and just one OK. \$445 month, please call 254-9909 or 677-3767.

ROOMMATES NEEDED TO SHARE EXPENSES IN CYPRESS LANDING - 234830 a month less deposit. Includes water/sewer, master bedroom/water. Only one month on contract. Please contact Kevin at 252-4572.

HOUSE FOR RENT - 1 bed rm, fireplace, no. brick on, full bath, kitchen and utility rm. AC & heat. 3 1/2 miles from campus. \$225/month. 234-2917 or (919) 867-4748.

ROOM FOR RENT - Furnished, only 1/2 mile from ERAU across from DCCC. Rent includes: furnished room, air, heat, water, wash/dryer, cable television, microwave, dishwasher, etc. No lease is required only \$210/month. Call 273-2113 or come to 1140 Candover Ave.

FEMALE STUDENTS - Need a place to live? Would you like your own room? Enjoy the luxury and comfort of a furnished or semi-furnished, large kitchen, dining room, living room, wash/dryer and air. \$30 weekly for rent and facilities contact Wendy at 6 in B204 or 788-9968.

ROOM FOR RENT - Caselle county apt., take away lease with my apartment, apt 34 252-3229 ask for Tn, available now.

2 APARTMENT FOR RENT - 1-one bedroom 2305/month + security, 1-two bedroom \$310/month + security, modern and new in complex near southeast circulator 22 miles out. Central Heat and Air, carpet, all electric, kitchen, all tile, bath, laundry room. Includes water, cable, bug man, new Randy manager, 133 Kingston Ave. Apt. 9.

FLIGHT INTERCOM-2 plane flight intercom serv. All parts and warranty set \$120 call Rick at 760-214 (unit 5) for electronic mail

COMPUTER SOFTWARE - Apple II programs, reference manuals. Many games also. Call Rick 760-2214 for list and prices.

PRE-GRADUATION SALE - Alchem equipment, shavers, chains, knives, etc. It all has to go. Contact George after 6, 233-5292.

KEYBOARD PLAYER/HAND AND SYNTHESIZER/AND/OR BACKUP VOCALIST LOOKING FOR A BAND - Needs guitar player, bassist, drummer, any extra equipment can be utilized, preferably have a singing ability or the will to learn how to "hooky a lead (harmonic). As a band, all sessions based on that bands decision for a live or, not live, time. See Brian Schillinger in Down II, 153. (would like to be ready for talent show, after Nov 13)

PCAT CLONE - Custom assembled to your specifications - delivered and installed in your home with a 90 day free replacement on all components. Base system includes a 10MHz 1.5Mhz monochrome graphics adapter and dual 50K floppies for only \$259. Hard disk system includes above features with a 20MB drive and an enhanced 4 style keyboard for only \$1128. call for additional rates and terms at 6418 or leave message at 672-3363.

WANTED - people interested in The ERAU Yearbook. If you are interested contact Amanda at box 6832 at the Recreation office.

PROFESSIONAL FLIGHT INSTRUCTION - Fly without hassles and with low rates. Private at East Aviation. Best maintenance facilities around. Part 61 or 141. Private or commercial, ground school, call Theresa at 255-5861.

FLIGHT INSTRUCTION - C150, C172, Warrior, C152, C172 B0, Private, commercial or cherokee, call A.J. at 252-9373 (hang time)

WANTED - Owner for young turtle puppy. Young, trainable and well behaved. Good protection, lease won't allow no more get rid of now. Call Mike at 233-6898.

WANTED - AMT technician call mechanic for F41 B 8 item. (starting Oct 19) must have powerplant license and completed AMT 215 written course. Will train: 9 am - 1 pm, apply to Mr. R. Moore, AMT, call 6768 or in person on suburban 12 230 - 1.

RESEARCH PAPERS - 1000 to 2000 papers available at 800-351-9222. Call 800-351-9222. 11000 titles for \$79.95. Los Angeles, CA. Custom research paper available at 1000.

FOR SALE - 12" RAW TV great for dorms \$25 contact Daryl at 760-1154 (even) or at box 3930.

FOR SALE - 12" black & white T.V. great for dorms. \$25 contact Ann at 233-5630.

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FOR SALE - 12" black & white T.V. great for dorms. \$25 contact Ann at 233-5630.

I HAD NO IDEA, I had no idea that there was no personal in last week's paper. Please accept my humble apology.

THE FAJROHY

DEAR DR. GRAHAM, We also like the PG's notation letter than just PG's!

THE CLASS

LOVE FOREVER! MUCH!

THE GEEK

BRUNETTO TO BE!

THE CLASS

LOVE FOREVER! MUCH!

THE GEEK

BRUNETTO TO BE!

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\* Memberships are subject only to \$49.00 per year maintenance dues. That's it!

'78 YAMAHA 400 XS—with helmet for sale, \$250 a.b.a. contact Phil at 786-7142 box 8104.

room, washer/dryer and air. \$30 Weekly for rent and facilities contact Wendy at box 8204 or 796-4962.

FOR SALE—Twin in surfboard 5'10" excellent condition. Both make for car included, asking \$140 call Todd, 761-8049.

FOR SALE—12" B&W TV great for dorms \$25 contact Daryl at 760-1134 (prev) or at box 5990.

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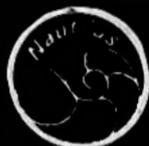
'79 YAMAHA XS-400—regular bike, runs good, \$150, contact Steve at 761-7267.

ROOM FOR RENT—Cammie courts apt., take over lease with my discount, apt 34 235-3329 ask for To, available now.

FOR SALE—12" black & white T.V. great for dorms. \$25 contact Ann at 272-3630.

FOR SALE—drinking table without 3 bases call 254-6983 evenings.

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\* Memberships are subject only to \$49.00 per year maintenance dues. That's it!



**Falcon checkout . . .**

Entry-Riddle students inspect a visiting United States Coast Guard Falcon Jet that was on display last week. It is based at the Miami Station and is used in search and rescue missions

Avion photo by Robert Watt

**ARIANE - PHOTO**

(Continued from page 9)

The Ariane 4 is scheduled to make its first flight in January, 1988. It can carry 2 to 4 solid or liquid propellant strap-on boosters, depending on mission requirements. It also carries the SPELDA system, and 4200 Kg into orbit.

The Ariane 5 is currently undergoing development. It will be able to carry 3 satellites. It is classified a heavy lift launch vehicle. The future use will be to launch the Hermes space plane, ESA's version of the U.S. shuttle. It will have a payload capability of 6800 Kg.

(Continued from page 8)

monopolized by military spacecraft for purposes of space-based reconnaissance.

The government is also in fear of being embarrassed because Landsat, is in danger of failing for lack of financial support by the government.

The Soviet space photographs

have an ability see objects on the Earth as small as five meters long. The world's next best civilian satellite, the French SPOT satellite, can resolve objects down to 10 meters. The civilian-operated American system for satellite photography, Landsat, has a resolution no better than 30 meters. The Landsat was the leader of civilian satellite photography in the 1970's.



**TEST**

of the Colorado American Civil Liberties Union. Miller is acting as counsel for David Dordley, the University of Colorado track athlete whose suit is still pending against the Boulder school.

In the meantime, the CU athletic department has changed its policy to include an eye test, similar to one used by the California State Patrol to identify drug-influenced drivers, to be administered after a computer selects an athlete's name at random. Those who fail the eye test would then be required to take an unobserved urine test. While acknowledging that the changes were implemented to circumvent privacy and probable cause issues, a CU spokesperson said they were not motivated by the pending litigation.

Miller said the suit was on hold pending a review of the new policy. Yet the question of singling out athletes for the testing still remained unaddressed by the changes. "To be consistent, they would have to test all students, which would mean incredible expenses and far more resistance," he said.

NCAA requires athletes to sign a waiver form consenting to being an event, the whole team is disqualified and any titles won are forfeited.

The judge also issued a restraining order preventing the NCAA from punishing the university or its athletes for not participating in the testing program. The NCAA has since petitioned for removal of the case to federal district court on grounds that the suit is based partially on the Fourth Amendment.

Lawyers for the students have opposed the petition on grounds that a federal court cannot hear a lawsuit brought by state residents challenging state law. Federal District Judge Walker McGovern is now considering the motions and is expected to decide on them in the coming weeks.

In a similar case, Stanford University has joined a suit brought by women's diving captain Simone LeVain and other athletes at the school against the NCAA. Last month, Santa Clara County (CA) Superior Court Judge Conrad Ruchling granted Stanford the same protection as UW, allowing the school to participate in intercollegiate athletics without obtaining the consent forms from its athletes until the suit is finally settled.

The NCAA has indicated that it has no intention of altering its program because of the legal actions.

"We were expecting litigation in this area when we initiated the program," said Frank Uyaya, the NCAA's assistant director for research. "But we remain committed to the goals of the program, and will begin to defend it at the end of this month."

Another unresolved suit, brought against Northeastern (MA) University by track athlete David Bally is expected to go to court this week. Bally was barred from competition last fall for refusing to sign the consent forms.

**SGA BLOCKS PROGRAM**

The constitutional questions surrounding mandatory drug-testing have enabled some students to defeat such programs before the fact. Last fall, the Northern Illinois University Student Association successfully lobbied against a proposed program at NIU. Led by SA President Jim Fischer, the students were able to dissuade administrators from mandatory testing in favor of a drug education program for the school's athletes.

This summer, in an assurance from its athletic director that the National Association for Intercollegiate Athletics (NAIA) requires mandatory testing, the University of South Florida administration moved to adopt such a program for this fall. Upon reviewing the NAIA regulations, Student Government Association President Julie Kaple discovered that not such requirement existed.

Kaple accused a delay in the program's implementation until Sept. 2, when an intercollegiate athletic advisory committee reviewed the evidence. In the meantime, she had compiled a packet of information on the NAIA rules and on student lawsuits at other schools, distributed them to committee members, and made follow-up calls.

At the meeting, following testimony by Kaple and several student athletes who described the dehumanizing nature of monitored urine tests, the committee voted unanimously against the program. In its place, a program which met the minimum NAIA requirements was adopted, consisting of a screening process and education program for the athletes. "We're very happy with the results," said Kaple. "The program we proposed went through, and there's no testing. We got everything we wanted."

**COURT BLOCKS POLICY**

Last July, student athletes won their first major court victory in Seattle when King County Superior Court Judge George T. Mattson ruled the University of Washington's mandatory testing program unconstitutional.

In deciding on the suit brought against the school by two UW athletes, Elizabeth O'Halloran and Alan Blum, the judge said the program violated the Fourth Amendment and a similar privacy clause in the Washington State constitution.

In his ruling, Judge Mattson also ordered the NCAA to join the lawsuit as co-defendant on the grounds that UW's program was adopted to avoid being penalized by the NCAA. Under its current rules, the

**THE BEST**

ried a heavy lift launch vehicle. The future use will be to launch the Hermes space plane, ESA's version of the U.S. shuttle. It will have a payload capability of 6800 Kg.



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