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Underwater hockey is the latest sports idea, combining aspects of hockey and water polo. See story page 5.

This Week

- Skywriting section will inform you to the world around you
- Space Technology features special article written by Soviet journalist

page 3

page 4

EMMON

An Award-Winning Student Newspaper

Volume 59, Issue 5

Embry-Riddle Aeronautical University, Daytona Beach, Florida

July 27, 1988

Luncheon to honor outstanding seniors

by Phyllis A. Salmons

The Senior Academic Achievement and Involvement Luncheon will be held on August 19 in honor of those seniors who have excelled in their academic and/or extracurricular pursuits while at Embry-Riddle Aeronautical University. To receive an invitation to the luncheon, a graduating senior must have a cumulative grade point average of 3.5 or higher or must have served as President (or highest ranking student representative) of a University Club or Organization. The three finalists for the Chancellor's Award will also be recognized at the luncheon.

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

The August Luncheon will be held at Pelican Bay Golf and Country Club. Dr. Robert Fleck of the Mathematics and Physical Science Department will be the keynote speaker.

Fleck earned a Ph.D. in Astronomy

from the University of Florida. His research specialization is Astrophysics and the History of Science. Dr. Fleck has been a member of Embry-Riddle's faculty since 1979. Over the years he has published numerous articles in the *Astrophysical Journal* and other professional journals. He has been involved in the Curriculum Committee and the Graduate School Research Advisory Committee.

Fleck has served as faculty advisor to several university clubs including L-5 Aerospace Club, the Surf Club and the Bicycle Club. He was instrumental in the development of the Astronomy course (PS 301) offered at Embry-Riddle. Fleck has been recognized as an Outstanding Faculty member by several graduating classes and was a 1987 CASE Professor of the Year Nominee. (See Faculty Profile, page 10).

Professor Fleck is sure to have an intriguing message for the outstanding graduates of August 1988.

Ed: The entire University expresses congratulations to each and every one of you for your outstanding achievements.

- Mark Reind
Tarcove Rice
Derrick Richardson
Gloria Brown

by Michael Hotelling

Managing Editor

Construction is well underway of both the Jack R. Hunt Memorial Library and the University Center

at a cost of \$2,700,000. The addition was designed by area architect Kenneth McGee, and will add 28,000 square feet to the existing

36,500 square feet will cost \$2,750,000, and was designed by architect Kenneth McGee. Construction is being handled by Bomar Construction of Ormond Beach.

graduate studies and research, an addition to the Tim W. Davis swimming pool complex to provide more shower and dressing room areas, and two

Construction projects continue on campus

Construction is well underway of both the Jack R. Hunt Memorial Library and the University Center at a cost of \$2,700,000. The addition was designed by area architect Kenneth McGee, and will add 28,000 square feet to the existing 36,500 square feet will cost \$2,750,000, and was designed by architect Kenneth McGee. Construction is being handled by Bomar Construction of Ormond Beach.

The following students will be honored on the basis of their outstanding academic achievements.

- Doris B.
Christopher Deane
Shirley Edson
Charles Fleming
Jonathan Forbes
Kevin Hansen
Michael Harwin
Kurt Hoffert
Edward Ketcher
Scott Kern
David Kimpel
James Kircher
Todd Karle
Craig Larson
Thomas Lutz
Kinley Palay Jones
John Plamied
James Porter
Karl Reed
Matthew Reed

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

- Teresa Anderson
Herbert Brown
Manuel Fernandez-Longo
Andy Melin
Jillie Phummer
Jennifer Poyson
Cary Rottler
Jennifer Sals
Ervin Felix Walker

Construction is well underway of both the Jack R. Hunt Memorial Library and the University Center, with 3 other projects scheduled to begin in the coming months.

The multi-level addition to the library is being constructed by Allen Green Construction Co. of Daytona Beach.

One of Fisher's first objectives is to look for some kind of sports affiliation. Following this selection, he explained that ERAU would know what sports guidelines to follow and then would see what sports clubs are most active and organized; and try to plug

them into the system.

"Golf could be easily moved into the Varsity Sports Program," explained Fisher. Scholarships for this club sports team have already been established, through the efforts of Golf Coach and ERAU Flight Department professor Richard Bryant.

The new director said that basketball is also an organized sport that could more easily be transitioned into a varsity program.

"Varsity sports become a plus for

Additional projects slated to begin soon include new faculty offices for

the school," Fisher further explained that most coordination has to be done with the use of area fields for baseball and soccer. "It will force ERAU into making the decision of acquiring land or not requiring land. The land on this campus has just about been used up and with the additional construction, the library, this has taken away a sports field."

"Resting gyms is obviously an ideal. You lose continuity and you end just in travel and arrangements.

Improvements to the Prescott, Arizona campus are also in the works.

"To develop school pride...it's a tough way to go about it. There must be commitment on all levels and the University must be aware of the total package that goes into becoming a varsity sports school. It must decide how seriously ERAU will consider facilities, acids and a gym."

But Fisher is ready for the challenge. The chance to start a sports program, to do my own program, doesn't come along every day."

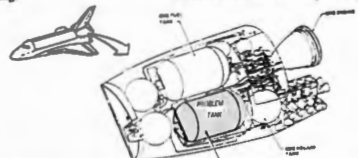
Discovery has problems, but FRF is still a go

by Chris Lagoyid

Space Technology Editor

STS-26 launch delays continue as the space shuttle *Discovery* sits on Pad B of Complex 39. The shuttle is being prepared for the Flight Readiness Firing (FRF) which will test the modifications and improvements to the Orbiter's main engines. The FRF has now been scheduled for 7:30 next Sunday morning.

Scientists have still not finalized a plan for solving the problem of the leaking valve in a Orbital Manuevering System nitrogen soraxide tank. The lines have been purged with helium to permit maintenance on the system; however, the tank is situated so that replacement or major maintenance on it would constitute cause to roll the shuttle back to the Vehicle Assembly Building.



The delays are attributed to technical delays as well as interference from daily afternoon lightning and thunder storms. The FRF is essential to the certification of *Discovery* after the Challenger accident.

The closest of the aft main engine compartment has been completed, and the filling of the External Tank has been scheduled for the pre-dawn hours of Thursday morning. Over a half million gallons of cryogenic oxygen and hydrogen will be loaded for burn during the FRF.

A final decision on the problem will be made after the FRF. Launch date is presently set for September 6. A rollback would mean a minimum of one month delay for STS-26 launch, but a two-month delay is more likely.

Delays in the launch of *Discovery* would push back the two other launches NASA has planned for the fiscal year, as well as the Hubble Telescope and *Gallo* project. The two launches planned for the end of this year are DOD and Air Force surveillance satellites.



Forwarding order...

Doris Fowkes, a familiar face in the mail room, retired from the University on Friday after 11 years of dedicated service. When asked about her retirement, Fowkes ex-

plained that although she "really enjoyed working with students and staff," she decided that it was time to "move closer to her grandchildren and watch them grow up."

Classifieds.....	7	Puzzle.....	3	Trivia:	
Comics.....	7	Skywriting.....	3	The Air Force's reconnaissance plane, the SP-7 Blackbird, travelling at 3100 feet per second, is faster than a speeding bullet. A 30-06 bullet leaves the barrel at 3050 feet per second.	
Faculty Profile.....	10	Space Technology.....	4		
Notices.....	5	Student Forum.....	2		

Opinion

ERAU acronym nixed, but is it OK?

What's wrong with ERAU? Is it the Riddle Run-Around, parking problems, long lines at registration, or crowded facilities? All of these are problems creating inconveniences for nearly everyone on campus. But that does not answer the question: What's wrong with ERAU? That is, what's wrong with using the letters E-R-A-U as a shorthand representation for Embry-Riddle Aeronautical University?

Well, someone has decided that ERAU shall no longer be an officially sanctioned acronym for the University. It will no longer be used in official University publications, such as the alumni newsletter or press releases.

The letters ERAU will be removed from the cooling tower in front of the University Center and be replaced with the University Seal. Even photographs taken in front of the cooling tower with the ERAU in the background cannot be officially used.

This makes one wonder, just what is the big deal? Aviation is a field which makes abundant usage of acronyms including NASA, NTSB, DOT and ICAO, just to name a few. These federal and international organizations may not be identifiable at a glance to the general public, but any written reference to them would first identify the organization and then the acronym. For example, the first reference to the Future Aviation Professionals of America (FAPA) would clearly state the acronym as shown and thereafter be referred to as FAPA.

It is true that standing alone few people would recognize the meaning of the acronym ERAU. If properly identified in written material as Embry-Riddle Aeronautical University (ERAU) and thereafter as ERAU, it should be clear to everyone. When speaking, if one inadvertently refers to ERAU, others will ask for clarification and the conversation will continue.

That this would become an issue in the first place makes one consider some of the other such issues that have been raised recently. For instance, should there be a hyphen between the Embry and the Riddle? Unless you can remember the correct policy, you have a 50-50 chance of being correct.

Also, a couple of years ago, someone decided that the eagle in the University seal was flying in the "wrong" direction. All official stationery and publications bearing the seal had to be changed to reflect the eagle's 180 degree change of heading.

Is there someone sitting in Spruance Hall who stays up late at night thinking up such as this in order to annoy the students, faculty, and staff of the University? Does a hyphen really matter? Who cares which way the eagle flies? And just what is wrong with ERAU? Most of all what will they think of next?

Think about the extra time and energy it's going to require to write out the words Embry-Riddle Aeronautical University instead of ERAU (33 letters instead of 4) if everyone on campus uses the "official" method of referring to the University. Wouldn't it be nice if that person in Spruance Hall would stay up nights thinking of ways to solve some of this University's real problems?



Student Forum



Stefan Market
It hasn't affected me in any way except for my walk to the mail box is a little further now, otherwise, it didn't bother me. Parking problems in the fall, but not in the summer.



Earl Stephens
Basically instead of walking directly into the back of the U.C. I have to walk around to the side of the U.C. Library construction isn't bothered me.



Marcelle Gibson
No, not really.



Paul Zaborny
A real idiot with a jackhammer. Other than that, its normal.



Jo Beth Davidson
It hasn't, the U.C. you just have to walk around further to get your mail, no big deal.



Vicky Johnson
No, they have not affected me except walking around.

official stationery and publications bearing the seal had to be changed to reflect the eagle's 180 degree change of heading.

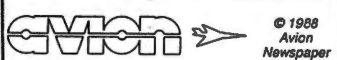
Is there someone sitting in Spruance Hall who stays up late at night thinking up such as this in order to annoy the students, faculty, and staff of the University? Does a hyphen really matter? Who cares which way the eagle flies? And just what is wrong with ERAU? Most of all what will they think of next?

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The Avion is a division of Student Government and is funded by the students of Embry-Riddle.

- Editor in Chief: Teresa A. Anderson
- Managing Editor: Michael Hotelling
- Copy Editor: Phyllis A. Salmons
- Photography Editor: Richard Clarke
- Advertising Manager: John Gonzales
- Secretary: Mike Racine
- Business Manager: Mickie Boggs
- Space Technology Editor: Chris Lagvold
- Avion Advisor: Dr. J. Roger Osterholm

This week's staff: Erha Foster, Kelli Young, Ray Nicks, Todd Unruh, Cathy Donohue, Laurence D'Albani and Manny Fernandez-Longo.

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 therein.

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 combine 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 Teresa A. Anderson, Richard Clarke, Michael Hotelling, Chris Lagvold, and Phyllis A. Salmons.

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 Columbus Scholastic Press Association, College Media Advisors, and the Associated College Press.

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Correspondence may be addressed to: The Avion, Embry-Riddle Aeronautical University, Daytona Beach, Florida 32014. Phone: (904)250-0000.



What's missing from this picture?
Answer: the traffic light project which should have begun construction in May.

Iran- Iraq end eight-year conflict

THEY RATHERS (AP) — When Ayatollah Khomeini's Iran dramatically...

Iran in a sudden reversal of policy, Iran on Monday, July 18, accepted...

Iran on Thursday, July 21, North Korea turned the South Korean party...

The three events last week came against a backdrop of other recent moves...

Continuing U.S. — Soviet talks on deeper nuclear cooperation...

TV anchorwoman, two others killed

THREE TV news anchorwomen, including the most popular one, were killed...

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Budweiser sets new hydroplane record

SYRACUSE, N.Y. (AP) — Budweiser, driven by Tom Fitch, captured...

Yates to reform mines left in Vietnam

WASHINGTON (AP) — Spurred by reports that land mines are mauling and killing...

Japanese sub hits fishing boat

YAP (AP) — The U.S. Navy said a Japanese submarine hit a fishing boat...

Navy admiral claims cocaine stash

PORTLAND, Ore. (AP) — The Navy's highest-ranking admiral said...

Three Navy fliers hit Vietnam for rescue

WASHINGTON (AP) — Three American Navy fliers were rescued...

Town honors Borden's 'Elixir the cow'

WATERLOO, N.Y. (AP) — This small town will finally honor one of its most...

Hydroplane of the Cow '1932.' A picture of the famous hydroplane's race will also be displayed.

Mounted police retire second horse

PHOENIX, Ariz. (AP) — A 19-year-old employee of the Arlington Police...

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Life Puzzle ACROSS DOWN 1 Church bench 2 Southeastern India 3 Outgoing 4 Famous woman married 5 Showing new 6 Goodness of 7 The sun 8 Football puny 9 Comicals, e.g. 10 Shred 11 Unit of central measurement 12 Guinness profit 13 Hindu corolla 21 Genus of insects 22 Preacher 24 Jewish 25 Infant: poetic 27 Hindu peasantry 31 Genus of birds 32 Dourine 33 -ing 34 Preyer 45 Actor's part 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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Underwater Hockey is emerging as a popular sport in major universities

By Mike 'n' Hotelling
Managing Editor

Have you ever wondered what would happen if the ice rink melted during a hockey game? Neither have I, but someone at Ohio State University has.

Ohio State is among about five or six schools in the United States to have an intramural underwater hockey team. Other schools fielding underwater teams include Miami and Illinois, while approximately 1,000 teams compete in Europe.



Underwater hockey is played by two 6-player teams. The players don fins, snorkels and diving masks, and slap at the puck with 12-inch sticks. The puck is larger and heavier than a standard ice hockey puck.

"You have to come up for air all the time," said OSU swimming instructor Bill Margotta in an interview with the avion. OSU's student paper.

If all goes well in the intramural ranks, Ohio State may fund an intercollegiate team in the coming year.

Flight planning includes medical factors

By Eric Foster
PFOT Safety Officer

Medical and mental decisions

There are many medical and mental factors that may affect our flying in the course of our careers. Below I will address just a few of the many problems that could arise: making your flight uncomfortable or unsafe.

Night owls

Many times in our careers we will be asked to fly long night routes. If it is your regular schedule, you have the advantage of making sure you get sufficient sleep beforehand. The real problems arise when you work most days then get called in for an "over nighter." Your body never has a chance to adjust for the long night ahead. There are considerations that must be made no matter why you must fly at night.

Before you make a late night flight you must evaluate your mental state. If you have been run down, it may be all you can do to keep your head up much less fly a plane. The following is a personal example of total "burnout."

Once I was flying two to three times a day, when during this time I had to make a night cross-country flight. Due to some delays we didn't depart until 10 p.m. The first leg was not too bad but on the way back, 3

hours later, I started to faint. It felt like I was standing the world's most boring lecture. I couldn't keep my eyes open no matter how hard I try.

At one point I looked over into the right seat only to see that my co-pilot was sound asleep. Suddenly I found that I had briefly fallen asleep! Luckily, I realized what was happening so me and I woke the other pilot to have him fly for awhile. Thankful the rest of the flight was uneventful. What would have happened if I had been alone - I don't know, but I can say it wouldn't have been good.

A regular schedule of late night flying has many drawbacks also. There are medical concerns that you must understand before you set out on these flights.

Research done on the subject of night shifts showed that people who must work then have dangers unique to their odd sleeping hours. In this study it was found that people with certain health conditions are at greater risk than others.

This group includes people who are over 40, those who have kidney disease, high blood pressure or any other condition that is sensitive to body rhythms. Chances are that these conditions will be worsened by working late night shifts. In this study, it was also found that people are more accident prone when they work nights. Time lost due to industrial accidents

was 30 percent higher than that lost by any shift personnel.

What can a pilot do to minimize the effects of an odd schedule? The fact is you will most likely never get used to working nights. All you can really do is know your limits. It is easy to overestimate your abilities when you are under pressure to get things done, but your body will only tolerate so much abuse before it lays down the law for you. Unfortunately a pilot can't pull off the road when he or she reaches the limit.

Just a sniffle

You have had congestion due to hay fever or a cold and tomorrow you're making the flight home. You know that you can't take anything for it and still fly so you decide to grin and bare it. It can't be much of a problem right? WRONG!

Blocked sinuses can be one of the most painful things you will experience and can cause major damage to your ears. The amount of time required for the sinuses to clear varies from person to person and ample time should be allowed before flying after a cold or a hay fever attack. As long as there is even a trace of fluid in the sinuses or ears you shouldn't even consider flying.

"This sinusitis of flying" in this condition range from severe pain to an eardrum rupture. I know that any pilot would want to get back in the air after

being grounded for awhile, but it is best to wait in such a situation. The best guideline is to wait at least a week after the last symptom disappears. If you feel you must go flying before this it would be advisable to see your Medical Examiner first.

Purely mental

You drove by a friend's house at midnight and your boyfriend/girlfriend's car was outside. It was still there at 6 a.m. when you passed it to go to the airport for your morning flight. You are highly upset to say the least, so you may be a very unsafe pilot at this time.

When outside factors have the possibility of interfering with flying the plane, you are better off not flying. The flight is endangered when the pilot is preoccupied.

Outside problems have a way of seeping into the cockpit and causing more problems than the pilot can handle. Just let yourself cool down before you try to go flying after any upsetting experience.

In conclusion...

The medical and mental factors mentioned above are the causes of many accidents and incidents in the aviation industry, yet they are too frequently overlooked. We all need to be aware of ourselves and our surroundings before attempting any flight.

Notices

→ Piper Super Cub assembly

Piper needs personnel to help assemble their first kit for the all new Super Cub. Piper will pay housing, take care of some expenses, and give you an acceptable salary for 3 to 4 weeks of your time at the end of August or the first week of September.

If interested call Walt Wickard, Associate Chairman of the AMT Department, at extension 6783 or stop by the front office of the AMT building (P-Bldg).

→ Tips for improving grades

The following brochures are available in the Counseling Center on the first floor of the University Center:

- How to prepare for and take examinations
- How to improve your reading skills
- How to succeed in your college courses
- How to read technical textbooks
- How to build writing skills
- How to get the most out of your textbook
- How to get the most out of your college education
- How to succeed in college: A guide for the non-traditional student

→ FAA examinations

- Examination
- (PA) Private Pilot - Airplane
 - (CA) Commercial Pilot - Airplane
 - (FOI) Flight Instructor - airplane
 - (FD) Fundamentals of Instructing - Flight & Ground Instructor
 - (GG) Fundamentals of Instructing - Basic
 - (AGI) Fundamentals of Instructing - Advanced
 - (ATP) Airline Transport Pilot - Airplane (FAAR Part 121)
 - (ADX) Aircraft Dispatcher
 - (ATA) Airline Transport Pilot - ATP Airplane (FAAR 135)
 - (RI) Instrument Rating - Instrument Pilot Airplane
 - (FI) Instrument Rating - Flight Instructor-Airplane
 - (G) Instrument Rating - Ground Instructor-Instrument
 - (EB) Flight Engineer - Basic
 - (FE) Flight Engineer - Turbojet
 - (FEX) Flight Engineer - Turbojet/Basic

DATE/TIME/PLACE

July 30, Saturday, 0830, H113, GRW 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 Cashier'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 a personal 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 examinations will not be permitted to enter the examination area while testing is in progress.

→ Astronomy to be offered in the Fall

Astronomy (PS 301) will be offered in the Fall term of 1988. The course may be used as an open elective in any program or as an upper level PS elective for those programs requiring one. PS 301 will be offered on MWF at 1330 in the Fall. In order to take PS 301, a student should have completed either PS 102, PS 103, PS 201 or have the consent of the instructor. The instructor of Astronomy is Dr. Robert Fleck of the Mathematics and Physical Science Department. Anyone having questions about PS 301 should contact Dr. Fleck at extension 6612.

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- Tuesday-Mexican nite \$1.50 Corona, half price nachos
- Wednesday Ladies nite, All ladies drinks \$1.00
- Thursday Beachs nite, All Becks beer \$1.00



Restaurant in review

Flamingo Flo's: One of Daytona's hidden treasures

By Kelli Young and Mike Flecko
Daytona Critics

Introducing Restaurants in Review to the Diversions section of the Avon featuring Kelli & Mike. The purpose of this column is to introduce the Embury-Riddle student to a variety of restaurants in the local area. We would appreciate any comments on our additions to the Avon.

Flamingo Flo's is one of those places that you drive by every day and never even notice it. It is a small, cafe-style restaurant where you can choose to sit yourself either outside on the patio or inside the restaurant according to your state of mind. A jukebox box provides the entertainment for the course of your dining experience.

Fresh steamed shrimp with flamingo sauce are served as a scrumptious appetizer or as an entire meal. At either \$2.00 each or \$3.50 for 1/2 pound or (for those people with a real appetite for shrimp) \$10.50 for a whole pound. The previously mentioned flamingo sauce is a homemade cocktail sauce—simply delicious.

Well-stuffed sandwiches and hot dogs seem to be the most dominant items on the menu. Salads, chili, omelette, and several side items are also available. There are eight lunch specials to choose from every day for only \$1.99. The regular menu may also be ordered for lunch. Beverages ranging from draft and canned beer to wine, iced-tea and soda are available on a semi-alfresco basis. All food is prepared to order on the premises.

For those of us watching our budgets, two happy hours are provided every day. The happy hour specials include 25 cent drafts and \$1.00 Corona beers.

Prices on the menu range from \$1.39 for a regular hot dog to \$3.25 for a reuben or hot pastrami sandwich. Be forewarned that the sandwiches do not come with chips.

They do come with pickles, and potato salad may be added for \$3.35.

As the saying goes you can't judge a book by its cover. You can't judge Flamingo Flo's by the way it looks or its very casual atmosphere. Flamingo Flo's is definitely a place to go for great sandwiches, hot dogs and shrimp. I can personally vouch for the hot pastrami sandwich as being delicious. Kelli had the Flamingo Grill which is a tuna sandwich with mozzarella, tomatoes and flamingo sauce on whole wheat. I tried a bite and wished that I had ordered one of those too.

The sandwiches that we had were terrific. My only complaint with Flamingo Flo's is the lack of accompaniment with the sandwiches. The sandwiches that we had were terrific. My only complaint with Flamingo Flo's is the lack of accompaniment with the sandwiches.

Kelli's main complaint was that the traffic on Ridgewood made quite a bit of noise. In comparison to some of the other places we've eaten at in Daytona, Flamingo Flo's stands alone for price, quality, and quantity. Friendly and a service can be assured. Our food arrived piping hot.

Flamingo Flo's is located at 1705 South Ridgewood Avenue. Parking is limited, but available. Flamingo Flo's is open Mondays from 11 a.m.-8:30 p.m. and Tuesday through Saturday from 11:30 a.m.-midnight. Happy Hour is 4:00 p.m. - 6:00 p.m. and 10:00 p.m. - 12:00 a.m. They are closed on Sunday.

✈ ✈ ✈ Exquisite dining fare; good choice for special occasions;

✂ ✂ Good food; well worth it to frequent this restaurant

➔ ➔ Not bad; you could eat here if you had to

☹ Terrible; you'd be better off eating at home



FLASH

For Leisure And Student Health

respond to physical and emotional demands with only a slight rise in blood pressure.

Cardiovascular conditioning increases heart strength, decreases pulse rate, increases cardiac output and reduces blood pressure. Regular exercise will improve your relaxation, thus relieving tension and anxiety. Be certain to get the okay from your physician before undertaking any physical activity if you are on any type of medication or are uncertain of your overall physical condition.

High blood fat levels and inactivity are two culprits in the development of atherosclerotic heart disease (smoking, diabetes and obesity are others). Too much cholesterol and triglyceride in the diet lead to a "hardening of the arteries" which doesn't develop in a few weeks or even a few years. You don't have to be "old" to develop hardening of the arteries. It happens gradually, decreasing the inside diameter of the blood vessels. When one of these narrowed arteries is finally blocked off entirely, the heart

muscle is deprived of oxygen-rich blood that it needs to do its work resulting in the "heart attack". The longer you wait for help, the more the heart muscle is damaged.

We all have a tendency to hear about the warnings, but always have the feeling this is something that only happens to others...a warning that will not really come to being. Listen to your warnings now! Begin to make changes in your lifestyle that will better the quality of your life...make time for YOU! Learn what your "target zone" is for activity (each individual's target zone is between 60 and 80 percent of his own maximal aerobic power). Plan an exercise program that will put you in this target zone three or four times a week for at least 20-30 minutes after a proper warm-up period and then a few minutes to cool down. You'll feel better and look better.

A few hours a week for exercise and common sense in your diet could make all the difference. For you...Start Now!

Local martial artist receives '88 Presidential Sports Award

By Lawrence Albright
Avon Staff Reporter

For the second year running, Grand Master Ki Joong Lee has received the prestigious presidential sports award from President Ronald Reagan for his outstanding contribution to the Korean martial art of Taekwondo.

Taekwondo literally translates into "art of hand, foot and mind technique" and was developed during the Korean dynasty in 37 B.C. Taekwondo has come a long way from these ancient roots as a defense against animal attacks to making a debut at the Olympics this year. For the first time

in history, Taekwondo will be an official Olympic event. Being Korea's national sport, it promises to be an exciting Olympic event.

An indication of the importance of Taekwondo to the Koreans is reflected in their choice of World Taekwondo Federation President Dr. Un Yong Kim as the Vice President of the Seoul International Olympic Committee. Master Lee will be traveling to Seoul this summer to meet with Dr. Kim and will be attending the games as an official judge for the Taekwondo events scheduled for Sept. 21-24.

ORBITAL

Continued from page 4

of the solar system (and in 1989 will continue with Neptune), and has the first intragalactic spacecraft -- Pioneer 10.

But these achievements were made in the pursuit of absolute knowledge. Knowledge need not be used for the pursuit of fortune or glory. Simply answers to questions. Important questions.

The last thing the space programs of the world need is a discovery race. The possibility of factors or information being overlooked, or ignored, is too great

America is still recovering from the simple pressures of normal space operations -- which resulted in the loss of 51-L and seven space pioneers.

For America to race for the first man to Mars would surely destroy the strong program which has grown to be a healthy, and cautious, National Aeronautics and Space Administration. NASA and America are ready to continue with their exploration of space -- in the pursuit of knowledge.

Of course, a little healthy competition never hurt either...

Drama Club presents The Zoo Story

The Embury-Riddle Aeronautical University Drama will stage a play written by Edward Albee entitled The Zoo Story. The play will be presented on August 5 and 6 in the University Center. The admission is \$1.00.

Originally performed in West Berlin in 1959, and one year later at the Provincetown Playhouse in the New York, The Zoo Story was Edward Albee's first critical and commercial success. Albee later went on to write Who's Afraid of Virginia Woolf, which became a hit movie starring Richard Burton and Elizabeth Taylor in 1966.

The Zoo Story is a two-character play that takes place in a park in New York in the late 1950's. It portrays an energetic confrontation between two men, Jerry and Peter Van Morfit, a student at Embury-Riddle, portrays Jerry, and Lesny Guida, an instructor in the Humanities Department at ERAU, plays Peter.

The director of The Zoo Story is Dr. Saint Goldstein, an instructor of Humanities, and the faculty advisor to the ERAU Drama Club. The production will be in the form of a workshop which will be fully staged but have little scenery.

"DAYTONA'S ORIGINAL SUPERCLUBS!!"

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"DAYTONA'S ORIGINAL SUPERCLUBS!!"

SATURDAY
Penrod's Model Search
9-11
Free Drinks

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\$2.00 off Admission

FRIDAY
Dirty Dancing Contest
\$100.00
9-11
Free Drinks

Penrod's
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and
THE PLANTATION CLUB

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RRIIINNNGGG! BETTER HIT THE OL' SNOOZE ALARM! RRIIINNNG!

SNOORE

I WISH JOHN WOULD GET OFF MY BACK.

HE SAYS I'M NOT PULLING MY WEIGHT AROUND HERE.

BEEN VERY PICKY.

GARFIELD YOU'RE THE LAZIEST CAT I KNOW.

YOU NEVER HIT MY GRANDFATHER.

HE WAS TOO LAZY TO GET UP TO EAT.

HE'D LIE ON THE FLOOR AND THROW HIS PILLOW AT THE REFRIGERATOR.

"Yeah? Well, I'll tell you who your friend saw me with -- a decoy that's what!"

"I can't believe it! This is impossible! Nothing here but -- wait! Wait! Is something! -- Yes! There they are -- gronco bari!"

Bloom County Berke Breathed

GETTING RECOVERING OUTSIDE THE CLOSET WITH ME. YOU'RE COMING WITH ME. YOU'RE COMING WITH ME. YOU'RE COMING WITH ME.

ANY OTHER PARTNER IS JUST ANOTHER PARTNER. I DON'T WANT ANY OTHER PARTNER. I DON'T WANT ANY OTHER PARTNER.

SON: I'M HUNGRY. I WANT THE BURGERS. I WANT THE BURGERS. I WANT THE BURGERS.

HE'S GOT A TASTE OF BIRD FEED.

ANY OTHER PARTNER IS JUST ANOTHER PARTNER. I DON'T WANT ANY OTHER PARTNER. I DON'T WANT ANY OTHER PARTNER.

SON: I'M HUNGRY. I WANT THE BURGERS. I WANT THE BURGERS. I WANT THE BURGERS.

HE'S GOT A TASTE OF BIRD FEED.

"I didn't say we were selling ducks! I said sitting ducks! ... I know the difference between sitting and selling, you idiot!"

Allen talks shows

HAYWIRE & SUPPLIES

"Mr. Cummings? This is Frank Dunham in Production... We've got some problems. The Cummings Machine No. 8 has jammed, several of the larger spools have gone off track, the generator's blown, and, well, everything seems to be you-know-what."

"Oh, no! I have several others -- Oggie here is just a tad aggressive, so he has to stay in a cage."

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Shoe Jeff MacNelly

I HAVE CALLED... I HAVE CALLED... I HAVE CALLED...

I'M TWO BLOCKS FROM A LARGE VIDEO STORE.

THESE WILL RETURN ON TV SCREEN?

IT'S AMAZING HOW MUCHES DON'T SEEM TO KEEP BEER COLD.

YES.

HOW DON'T THEY KEEP IT NEXT TO THE AIR-CONDICIONER?

THESE WILL RETURN ON TV SCREEN?

IT'S OUR OWN GUILT AT OUR OWN INTERNAL ATOMS.

HAYWIRE & SUPPLIES

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"Oh, no! I have several others -- Oggie here is just a tad aggressive, so he has to stay in a cage."

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Arrow (IFR)	\$61.00
Mooney (Loaded, IFR)	\$63.00
Seminole (Twins) (2)	\$112.00
Simulator (AST 300 S/E) MK	\$25.00
Simulator	\$18.00

Warriors (IFR)	\$49.00
Super Decathlon (Adv. Aero)	\$59.00
Arrow (IFR)	\$61.00
Mooney (Loaded, IFR)	\$63.00
Seminole (Twins) (2)	\$112.00
Simulator (AST 300 S/E) MK	\$25.00
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Dr. Robert Fleck: An 'amazing' Physical Science professor

by Phyllis A. Salmons
Associate Professor of Physics
"Embry-Riddle is definitely moving in a positive direction," says Professor Robert Fleck of the University's Mathematics and Physical Science Department. Fleck joined the faculty in 1979, and in the past nine years he has worked very hard to improve his department and represent the University.

Fleck, originally from south Florida, received a Bachelor of Science in Physics from the University of Florida, a Master of Arts in Astronomy from the University of South Florida, and a Doctor of Philosophy in Astronomy from the University of Florida. His research specializations are Astrophysics and, more recently, the History of Science.

He has written numerous articles for professional journals. For example, in the *Astrophysical Journal*, he has published many papers including "On the Origin of Close Binary and Planetary Systems" and "The Mechanical Equilibrium of Interstellar Clouds: Scaling Relations for Gas Density, Line Width, and Magnetic Field Strength." Fleck co-authored a paper which has been submitted for publication to *American Psychologist* entitled "Classical versus Modern Science: Will the Real Psychology Please Rise?" He will go to Atlanta next month to deliver this paper at the annual meeting of the American Psychological Association.

While at Embry-Riddle, Fleck has taught most of the courses offered in Physics, and, in fact, developed Astronomy (PS 301). He says the course provides a good way to teach students many of the basic concepts in science. "Astronomy involves elements of all of the natural sciences: physics, chemistry, geology and even biology. I think everyone is naturally curious about the universe and about our place in it—we always have been."

He has served as a course monitor of Astronomy (PS 301), as well as Explorations in Physics (PS 102), Engineering Physics I (PS 201) and Engineering Physics II (PS 202) and Modern Physics (PS 303). He is also very excited about a new interdisciplinary course he is designing in conjunction with Professor Bob Oley of Humanities Department. Pending approval, the new course, *The History of Science*, may be offered in the Spring of 1989.

Fleck spent two summer terms



AP photo by Lawrence D'Orton

Seeing spots . . .

Dr. Fleck explains the phenomena of sunspots to interested onlookers. Sunspot activity is unusually high this year. The University's Celestion telescope is primarily (1981 and 1983) as a National Science Foundation Visiting Professor with the University of Massachusetts. During that time, he worked with the Five College Radio Astronomy Observatory near Amherst, Mass. His work involved looking at radio emission from molecules inside interstellar clouds to learn more about star formation.

He spent the summer of 1967 as a Visiting Professor at the National Radio Astronomy Observatory in Green Bank, WV. There he continued research projects, studying star formation. He has also been awarded numerous research grants over the past seven years through NASA and the National Science Foundation.

During the 1984-85 academic year, Dr. Fleck was on sabbatical from Embry-Riddle during which time he taught in the European Division of the University of Maryland. He taught math and science courses on U.S. military bases primarily for the Air Force in Greece and Germany. He and his wife, Sherry, fondly remember the year in Europe. "It was the best year of my life."

Fleck has served the University by being involved with the Curriculum Committee, the Graduate School Research/Advisory Committee and the newly formed Special Task Force to review the University core curriculum.

Dr. Fleck has participated in the Mathematics and Physical Science Seminar Series, having given talks on "Radio Astronomy" and "Halley's Comet." He has held extra sessions after hours with the department's Celestion telescope for public observation of planets and special

ly used for making astronomical observations for Astronomy (PS 301). Fleck has also used the telescope for special events such as the passage of Halley's comet.

Fleck has served as an academic advisor to engineering students and as a faculty advisor to several ERAU clubs including the L-5 Aerospace Club, the Surf Club, and the Bicycle Club. He has participated in intramural sports including Ultimate Frisbee and softball. Fleck was a member of the 1982 championship intramural softball team, the "Outlaws."

Dr. Fleck is a popular instructor among students. "He knows so much," said Mike Hotelling, one of Fleck's former Modern Physics students, "he's amazing!" Students have rewarded Dr. Fleck for his teaching abilities by having named him with several Outstanding Faculty Awards. Also, in 1987, Fleck was nominated by the University for the prestigious Council for Advancement and Support of Education (CASE) Professor of the Year Award.

For the future, Fleck says he would like to see more federal support for education and science research. "Last year," says Fleck, "nearly \$300 billion were spent on defense while only \$2.3 billion was allocated for basic scientific research. It makes one wonder if there will be anything here worth defending."

Dr. Robert Fleck is one of the University's most talented and dynamic professors. He has participated in University committees, student clubs and sports, while staying on the forefront of astronomical research. He inspires us all to reach for the stars.

Prevention best cure for skin cancer

You've been working on that great suntan every spare moment! You're real-ly starting to look good. Have you been ignoring all of those warnings about exposure to the sun causing skin cancer? Just remember, if you feel that you must get a tan, there are several hints that will minimize your chances of engendering your skin.

- Sun before 10 a.m. and after 3 p.m. when sun rays are less severe.
- If you must sun during peak hours, limit exposure time to a maximum of 15 minutes.
- Use a sunscreen lotion containing PABA to allow tanning but decrease the effects of ultraviolet rays. Use an also base lotion to soothe it sunburn occurs.
- Cover sensitive areas, lips and nose, with a sun blocking agent such as zinc oxide.
- Wear loose fitting clothes such as beach robes, caftans and wide brimmed hats to shade the sun.
- Some drugs increase one's sensitivity to the sun. Examples are certain antibiotics, barbiturates and birth control pills. Several perfumes and lotions alter the skin's pigmentation.
- Cool, wet tea bags reduce facial swelling from sunburn. Tepid baking soda baths are soothing for a sunburned body.
- Drink plenty of cool liquids.

There are several hints that will aid in the early detection of skin cancer. Doctors suggest if you have moles that you regularly inspect them and look for the A-B-C-D's of skin disease:

- A - Alteration - be aware of any change in a mole.
- B - Border - a normal mole is usually somewhat symmetrical. If a mole has an irregular border, inspect it regularly for changes.
- C - Color - changing color, especially darkening of a mole is a sign of skin disease.
- D - Diameter - normally a mole is less than 6 mm in diameter (about three-quarters of an inch). Larger moles should be watched carefully.

If one or more of the A-B-C-D's occur, check with a physician. Remember, skin cancer is preventable if exposure to sunlight is limited and it can be cured if detected and properly treated early.

The University has provided the services of a physician free of charge to any enrolled student. Appointments should be made through the health center located on the first floor of the University Center.

PHOBOS

(continued from page 4)
nomical books with many decimal places after the point, no longer suits basic education. They want a better approximation of its absolute value.

The USSR spent about 40 million rubles on the development of the scientific equipment for the Phobos project, and the other countries participating in the project have spent approximately as much (in the respective evaluation) on the on-board equipment.

The cost of the launching of the probe rocket, used to carry the Phobos stations into space, is estimated at approximately 40 million rubles. There were also other expenditures. In short, the project is costly, but all the participants in it hold the view that Mars and other large-scale scientific and technical projects can and must serve to unite the inhabitants of the earth on the road to attaining universally accepted humane goals.

Editor's note: The above article is a compilation of press releases issued from the Novosti Press Agency, Moscow.

FANTASTIC SAM'S INTRODUCES "WET CUTS"

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FANTASTIC SAM'S INTRODUCES "WET CUTS"

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