



Avion

Newspapers

10-3-1984

Avion 1984-10-03

Embry-Riddle Aeronautical University

Follow this and additional works at: <https://commons.erau.edu/avion>

Scholarly Commons Citation

Embry-Riddle Aeronautical University, "Avion 1984-10-03" (1984). *Avion*. 491.
<https://commons.erau.edu/avion/491>

This Book is brought to you for free and open access by the Newspapers at Scholarly Commons. It has been accepted for inclusion in Avion by an authorized administrator of Scholarly Commons. For more information, please contact commons@erau.edu.

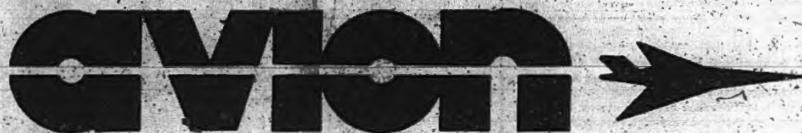
Sign-up for the Regatta today!

Shuttle
Launch
Friday
7:03 a.m.

This Week's Features

- SGA propose free legal services
- Benefit to students with consideration
- Johnny Winter returns to Florida
- Entertainment preview, upcoming concert
- Campus sports wrap-up
- Stormtroopers to compete in surfing contest

- Clubs and Organizations keep active
- AAAE to hire FAA Special Assistant
- Battle painting unveiled
- Army ROTC displays original work
- Space Technology coverage
- Venetian-style boat race competition



The Award-Winning Newspaper of Collegiate Journalists

Volume 48, Issue 4

Emory-Riddle Aeronautical University, Daytona Beach, Florida

October 3, 1984

Campus voters register in U.C.

By Patrick McCarthy
Avion Staff Reporter

A group of volunteer deputy registrars will be in the U.C. this week conducting a voter registration drive.

Six Embry-Riddle students, Brian Nicklas, Eric Tisdale, Geoff Murray, Pat McCarthy, Scott Roper, and Tony Pinto recently completed an orientation class to become deputy registrars for Volusia county. They will be

at a table in the U.C. through this Thursday (Oct. 4) from 10:00 a.m. until 2:00 p.m.: Registration of those students, faculty and staff that are U.S. Citizens and legal residents of Volusia county will take place. The goal of the

drive will be to register as many voters as possible prior to the October 6 deadline.

Scott Roper, a sophomore Aeronautics major, is coordinating the drive as an Interfraternity Council project. Roper says the registration drive is typical of the type of community service the IPC is involved in.

The deputy registrars traveled

to Deland to take a short training course designed to familiarize them with the proper procedures necessary to register a voter. The requirements include: being a U.S. Citizen and a permanent legal resident of Volusia county. Also, one must be 18 years of age or before the Nov. 6 election. Students receiving state-sponsored financial aid from a

state other than Florida could have their aid cancelled if they declare legal residency in Florida. Students previously registered in another state or country should bring their voter I.D. card with them when registering here. The deputy registrars will be available to answer questions prospective voters may have.



Tony Pinto (right) and Pat McCarthy (center) register students for the upcoming national elections. Led by Interfraternity Council member Scott Roper, six E-RAU students were deputized as voter registrars for the week-long drive.

Phoenix yearbooks on sale now

By Rob Dixon
Avion Staff Reporter

The 1984 Phoenix Yearbook arrived this past week and distribution of this limited edition has begun. The cost will be \$5.00.

This charge was implemented last year to offset the cost of

publishing the book supported by the \$15.00 SGA fee. It also facilitated the decision on the number of books to be ordered from the publisher. Last year too many books were ordered. This year, only 1200 books were ordered. Many of these books have already been spoken for during the advance order promo-

tion last spring.

In order to receive your 1984 Phoenix Yearbook, bring \$5.00 to the table set up in the University Center.

Publication of the 1985 Phoenix has begun. Yearbook Portraits, taken by Varden

See PHOENIX, page 10



River-rafters during previous years' Riddle Regattas rose to the occasion for the Vets Club's annual event for charity. Prizes include

Vets Club file photo

Ortho-K lecture Thursday

On Thursday, October 4, 1984, Dr. Leonard E. Indiana, a Daytona Beach optometrist/orthokeratologist, will present a program entitled, "The Control, Reduction, or Elimination of Nearightedness." This is precisely what Orthokeratology is...corrective eye care brought about by the therapeutic use of contact lenses.

Indiana's interest in Orthokeratology developed while serving as an optometry officer in the United States Air Force between 1962-1965. During that time he saw many pilots and navigators have their hopes for flying dashed, because of inadequate eyesight. Prior to the Air Force, he attended the University of Alabama and Southern College of Optometry, where he received Bachelor of Science and

Doctor of Optometry degrees. He is currently serving a second term as president of the Southern Orthokeratology Society.

Dr. Indiana has given lectures throughout the United States and Europe, including the Soviet Union. This past March, he was a keynote speaker at the International Orthokeratology Society's mid-winter meeting and contact lens seminar in St. Moritz, Switzerland. His lecture, entitled "The Emory-Riddle Study," was a three year statistical analysis of 30 aeronautical university students in a contact lens program designed to reduce or eliminate their myopia and astigmatism.

Students are invited to attend the presentation, sponsored by Health Services, which will begin at 8:30 p.m. at the University Center. For more information on Orthokeratology, call the International Orthokeratology Section of the National Eye Research Foundation, toll free at 1-800-621-2258.



Dr. L.E. Indiana

with the exception of Bell, who will be bringing a total of four helicopters.

Along with the company representatives, each manufacturer will bring pilots, marketing, and maintenance people to demonstrate some of the capabilities of the advanced avionics being used and as an example of the state of the art in helicopters.

Sparrow Avionics will also be in attendance to showcase some of their advanced avionics used in the fourth generation helicopters. Their avionics are said to be superior to the equipment used in

most general aviation applications.

It is hoped that one of the manufacturers will bring an example of one of their fourth generation models, to demonstrate some of the capabilities of the advanced avionics being used and as an example of the state of the art in helicopters.

In addition to the aforementioned activities, there will be

See HELICOPTER, page 4

Helicopter day October 17

By Bernard B. Robinson

Emory-Riddle will be hosting a Helicopter Day on October 17 in cooperation with the helicopter division of Daytona Beach Aviation. Representatives from Bell, M.B.B., Hughes, Aerospace, Aviall, and the helicopter division of the Volusia County Sheriff's Department will be present. Sikorsky is also scheduled, but their attendance is uncertain.

Each manufacturer will bring a demo model for static display,

Guest Commentary

By Jim Banks

**NASA:
26 years in space**

[Editor's Note: Jim Banks is an E-RAU Management student recently transferred from the University of Minnesota. His extensive research into the history of America's space program has developed into an eight part series that will appear weekly on the Avion's back page.]

The National Aeronautics and Space Administration officially began operations on October 1, 1958. That means that on Monday of this week, NASA turned 26 years old.

Our nation's space administration has given us over a quarter-century of adventure, discovery and knowledge. How did it happen? What started it all? I feel we must occasionally take a look at our past, as this helps us to see what our future will be. And when we look at NASA's past, we should remember two things:

First, in our race with the Soviet Union to the moon, every flight was important. An Apollo flight was just as important as the last Mercury flight. As the Space Shuttle is far from a routine operation, so was our early history in space. Every flight was necessary to get us to the moon first.

Second, as we look at the history of our space program, we must not forget that the first "A" in NASA stands for Aeronautics. NASA has been involved in aeronautical research that has produced benefits that are just as important as those created by the space effort. Safer airways for all of us, jet-noise reduction, and the X-15 program are just a few of NASA's achievements in the aeronautical division. All of these developments occurred with little press coverage as the more glamorous space program grabbed the spotlight. NASA continues to make advances in the aviation area that will touch each of us as we enter the industry.

However, the Avion intends to grant equal time to the space program. During the next eight weeks we will review NASA's first 26 years: the manned and the un-manned events, the Russian space program and those important political happenings that shaped our space program. We will find out about Mercury, Gemini, and Apollo. We'll learn about Skylab and Apollo/Soyuz. We will review our progress for the Space Shuttle, and we'll speculate at what the next decade or two will bring to our country and to the world.

Over the next few weeks, the Avion is going to review the history of NASA and remember the "good old days." This series is written for those of you who can remember, and perhaps were a part of, our early space effort. This series is also for those of you who, like me, were born AFTER Alan Shepard made his first flight and can't remember the important events without some reading up. Well, look no further...the reading will be right here in the Avion.

And finally, this series is for those of you who saw the movie *The Right Stuff* and wanted to know what happened next. It's for everyone who wants to know and to remember the space program.

We hope you enjoy the memories here each week.

President's Corner

I would like to welcome Kurt Meyer and Peter Ejnarque as new representatives to serve on the Student Administrative Council. Both are highly qualified and I am sure they will serve the student body to their fullest.

I would like to thank Matt Maranto, SGA vice-president, and the Student Union Board for completing the 1984 Fall Budget. Many hours were spent on the estimation process of current and future revenues.

Matt, Chairman of the Fraternity, Clubs, and Organizations Allocation Committee (F.C.O.A.C.), presented to S.U.B. and S.A.C. for approval, the new guidelines for F.C.O.A.C. The motion passed unanimously giving the committee smoother operations for distribution of funds.

This past weekend the Student Administrative Council held a goal workshop to prioritize the projects for the upcoming year. This is necessary to have a master plan showing short term goals and long term goals to benefit student needs.

Thomas M. Conard III
SGA President

the avion**EDITOR IN CHIEF:**

SPACE TECHNOLOGY EDITOR:
Sports Editor:
PHOTO EDITOR:
Entertainment Editor:
LAYOUT EDITOR:
Copy Editor:
ADVERTISING MANAGER:
BUSINESS MANAGER:

Brian F. Finnegan

Jeff Guzzetti
Kelly Shortt
Michael Fabric
Alex Sokolaki
Tony Pinto
Max Corneau
Tim Van Milligan
Joe Elm

Dr. Roger Osterholm

AVION ADVISER:

This week's staff:
Mike Belowski, Jim Bankey, Richard Calvert, Gordon Crago, Rob Dixon, Scott Featherstone, Rich Grey, Lou Kady, Brian Moskoff, Brian Nicklas, Peter Seklund and Kimberly Simpson. The opinions expressed in this newspaper do not necessarily reflect those of the University or the members of the Student Body. Letters appearing in THE AVION do not necessarily reflect the opinions of this newspaper or its staff. Copy submitted may be edited for brevity and may be printed provided it is not lewd, obscene, or libelous. 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 is a member of the National Council of College Publications Advisors, Associated Collegiate Press and Columbia Scholastic Press Association. The Avion also subscribes to the Campus News Digest and College Press Service.

The Avion is produced by a volunteer student-journalist staff weekly throughout the academic year and bi-weekly throughout the summer. Letters may be addressed to: THE AVION, Embry-Riddle Aeronautical University, Regional Airport, Daytona Beach, Florida 32014. Phone: 904-252-5561 Ext. 102.

**LETTERS****Can campus assure laundry security?**

To the Editor:

The Housing Department staff would like to thank Mr. Calvert for the fair and accurate manner in which he reported the problem currently existing in the residence hall laundry rooms. By stressing that it is user vandalism and not simply mechanical failure which is causing most of the machine breakdowns, we hope he has motivated more students to become aware and concerned about protecting that part of their living environment.

However, Mr. Calvert omitted one very important concept in his report - one which is at the very heart of the problem, and which

has prevented the Housing Department from finding the quick-and-easy solution the students now demand.

The fact is, both the Commercial Laundry company have invested a great deal of money in making repairs to parts of the machines that should, under normal campus use, last the life of the machine itself - dryer doors (burn off), coin slots (jammed with coins and wires), and dryer heater elements (burned out when exhaust hoses are disconnected or destroyed, or lint traps not emptied). Therefore, the laundry vendor has refused to make any further major repairs or improvements to his machines until we as a campus can reasonably assure him that they will not be immediately vandalized again - as has been the case in the past. We in the Housing Department, without the full cooperation of the student body in taking responsibility for the care of the machines, have been unable to insure the machines against such senseless vandalism - and improperly operating machines lead to overcrowding and more vandalism.

We find ourselves, then, in a rather frustrating and seemingly

endless Catch-22. The quick-and-easy solution remains that of raising the laundry prices in order to cover the additional repair and replacement costs or to hire a laundry room attendant. But, both the university and the vendor have rejected this in favor of finding a way to prevent the problem, rather than simply remedying it.

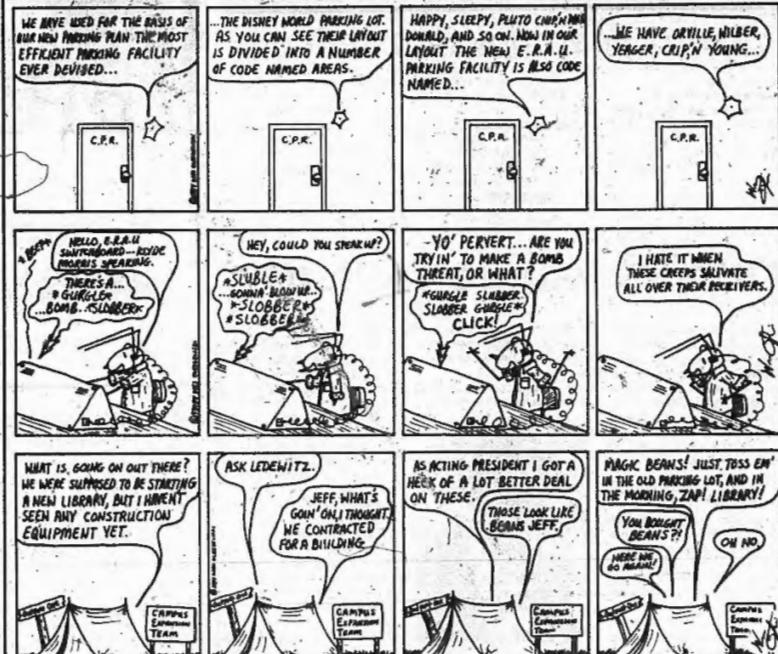
We ask for your patience and cooperation in finding the answer - real solutions to real problems require time and effort on everyone's part. If you witness or become aware of an act of vandalism, you have an important choice to make - you can help to prevent it, or you can sit back and complain about its consequences. If you can help, or have any ideas or questions, get in touch with us at the Housing Office, R.H. II, room 278, Ext. 1041.

If you're not a part of the solution, you're a part of the problem.

The Department of Housing

The Reserve Officer Association (ROA) subchapter on campus is again offering scholarships to eligible students. The scholarships will be awarded during this Fall trimester. Application forms are available at either the Air Force or Army ROTC offices.

To qualify for one of the scholarships, a student must be a full-time student at Embry-Riddle Aeronautical University and be currently enrolled in any of the military pre-commissioning programs on campus. The student must also have at least a 3.0 grade point average (GPA), cannot already have an ROTC scholarship, and cannot have been awarded one of the ROA scholarships during the spring, 1984 trimester. If there are any questions, please contact Captain Gourley, AFROTC, at 253-4089 or campus extension 1290/1291.

Klyde Morris**wes oleszewski**

Common law marriage, mobile home ownership



Kiss ya bear me

by Doc Horwitz

YOU HAVE BEEN LIVING WITH YOUR COMMON LAW HUSBAND FOR OVER 18 YEARS. YOU HAVE JUST LEARNED THAT COMMON LAW MARRIAGE WAS STRUCK DOWN IN FLORIDA IN 1968: WHAT IS THE CURRENT STATUS OF MY MARRIAGE?

Under Florida law, no common law marriage entered into

after January 1, 1968 is valid. Those common law marriages entered into prior to January 1, 1968, are valid. Your common law marriage, entered into in 1962, puts you within the valid category. However, if for some reason, you are required to prove your common law marriage, you must be able to show that from the inception of the marriage there was an agreement between you and your husband to become husband and wife immediately after you each consented.

Co-habitation and holding one's self out as husband and wife are the most common ways of proving this agreement. Furthermore, you each must have had the capacity to consent; that is, you must have been the proper

age, have had the required mental state, no prior undissolved marriages, within the required degree of blood relationship, etc.

If YOU ARE GOING TO school and you own a mobile home in which you are living jointly with your father, will the status of ownership change if your father remarries?

A change in the marital status of one or several persons holding title to a mobile home will not change the status of the title during the lifetime of that person. Title will pass to his or her beneficiaries if the property is not a homestead and title is held as tenants in common (in the name of the several persons without any designation as to how it is held). If the mobile home is per-

manently attached to the land so that it has become a part of the land and a person holding title as a tenant in common resides on the property, the property becomes the homestead of that person. Upon the death of that person, the spouse gets a life estate in the property to the extent of the interest of the deceased spouse and the full title does not pass to the beneficiaries of the deceased spouse until the death of the surviving spouse.

On the other hand, if the title is designated as being held as joint tenancy with the right of survivorship, the title passes to the survivors upon the death of a joint tenant even though the property was that person's homestead. The tenants in common and joint

tenants have equal rights of possession of the property.

YOU HAVE BOUGHT A NEW HOME. You had it inspected and only two repairs were needed. The previous owners put money into an escrow account to cover the cost of repairs. Apparently, the inspector failed to notice two other costly repairs. The escrow account did not cover these damages, and the former owner refused to pay for them. Are you stuck?

In Florida, the implied warranties of fitness and merchantability extend to the purchase of new homes from builder-sellers. The implied warranties do not extend further than the original purchaser, although the builder-seller may be liable for damages

caused by negligence if the damages are reasonably foreseeable.

The doctrine of implied warranty has not been extended to the purchase of a used home. Where an inspection of the property would reveal a defect and the buyer did inspect the property, it is doubtful that the seller would be liable for the defect. Sellers of used homes are not liable for hidden defects of which they have no knowledge. However, a seller cannot misrepresent the condition of a used home and escape liability.

[Due to the complexity of the law, questions answered in this column are of a general nature and may not necessarily apply to a similar legal problem.]

Proposal made by SGA for free legal services

By Elison Elliott
Avon Staff Reporter

A proposal was made recently at an SGA meeting to provide free legal counseling on domestic litigations and certain legal disputes.

The proposal, which was introduced by Arlen Bowen, an SGA Representative, is still in the consideration. Conard, did note,

process of evaluation. How far the proposal is carried depends on a "Goal Setting" Workshop which took place Saturday, September 29 at 9:30 a.m. in the Riddle Theater. The meeting, according to Tom Conard, the current SGA president, "will prioritize the need for certain SGA services" now under consideration. Conard, did note,

however, that the legal service proposal has been met with positive output on both the administrative and student levels.

A similar service was started several years ago, however, but because of low student input, the program was scrapped several months later. The attorney at the time was a senior partner of Phil Elliott & Associates; Phil Elliott

coincidentally is a member of E-RAU Board of Trustees.

"The main emphasis on providing this service is for motor vehicle related legalities, insurance...housing/apartment leases and legalities, landlord complications and general small claims incidents. There will also be aviation oriented advice dealing with liens and other such

things that would require legal advice."

Under these legal services no criminal cases or class action suits brought against the university would be handled. Conard stressed that the counseling would be under "strictly advisory condition." Under the legal service, an attorney, once one is chosen, would hold office

hours once a week for a few hours per visit. It has not yet been determined if the lawyer would be under a compensated or non-compensated clause. A similar service is provided by Dr. Cook who works out of the Health Services office on Wednesday mornings.

Conard went on to note that "this is another service that the SGA administration can provide the student population, but we have to look into all the possibilities first..." He also added that student legal was essential in the building process in order to determine if there is a student need.

Dick Horwitz, an Aviation Law professor here at E-RAU, has been a student source of legal advice for years...He is also one of the legal counselors under consideration by the SGA.

Leading the Legal Service Committee for the SGA is Arlen Bowen.

Rise in foreign students slows

NEW YORK, NY (CPS) — The number of foreign students attending U.S. colleges rose by less than one percent last year, the smallest increase in recent decades, the annual census of the foreign student population by the Institute of International Education (IIE) has found.

The report, released last week, also discovered large decreases in the numbers of students from oil countries like Iran, Nigeria and Venezuela, which since the mid-seventies have accounted for the

biggest percentage of foreigners studying on American campuses. To compensate, campuses recruited more students from Asian countries.

"In a nutshell, (Asian countries) are more prosperous," explains Carl Herren of the National Association of Foreign Student Affairs (NAFSA) in Washington, D.C. "Since they are more prosperous, they want the U.S. education."

Moreover, Asian students who used to go to England are choos-

ing to come here instead, he adds. "The cost of a program in England is four-to-six times more expensive (than in the U.S.)," Herren says.

Total foreign student enrollment went up less than one percent last year, compared to the regular 10 percent annual increases of the late seventies and early-eighties.

The most dramatic declines were among students from oil countries. The Iranian student population, for example, fell 60

percent, to 20,260. The Nigerian contingent also fell off precipitously.

"Because of the oil glut, income in those countries is down," Herren says.

Alfred Julian, the IIE's research assistant, is more circumspect. "All we do is gather the data," he says while declining to speculate on the reasons why some countries' sending numbers here.

Asian student enrollment, however, increased a total of 10.5 percent in 1983-84. Taiwan sent the largest block of students, some 21,960.

Malaysia's contingent went up by nearly 24 percent from 1982-83 to 1983-84, the report says.

California registered almost 14 percent of all the foreigners studying in the U.S. last year, followed by Texas and Florida.

Unemployment down for college grads

WASHINGTON, D.C. (CPS) — A college education continues to be a big help in getting a job, according to a newly-released report by the U.S. Bureau of Labor Statistics (BLS).

As of March, 1984, the unemployment rate among college graduates averaged 2.7 percent, compared to 7.2 percent for high school graduates and 11.6 percent for workers with an eighth grade education or less, the report shows.

The unemployment rate for college grads this year, moreover, represents a significant drop from the 3.5 percent in 1983, and 3.0 percent in 1982, notes BLS spokesman Rick Dedens.

College graduates make up a majority of the workers in most managerial and professional fields, as well as the bulk of

workers in technical and sales occupations.

Among professional occupations — health and medical services, law, teaching, engineering, math, and computer services — college graduates comprise 78 percent of the work force, the report reveals.

In addition, college graduates make up 43.5 percent of all executive, administrative, and managerial jobs, 36 percent of sales positions, and 33 percent of all technical occupations.

For the third consecutive year, the number of college graduates in the labor force rose by more than a million, the report also shows, 600,000 of whom were women.

Women graduates, in fact, now comprise 38 percent of all

workers with 4 or more years of college, compared to 32 percent in 1970. Over the same period, the report notes, the number of women graduates who work rose from 61 percent to 78 percent.

Black female graduates show an even higher employment-rate, according to the study, which shows that 88 percent of all black women grads hold jobs.

Among white female grads, 77 percent are now employed.

And among male graduates, both white and black, 95 percent are active in the labor force.

Since "we don't really ask people their motivations or reasons for being employed," the BLS's Dedens says, the report doesn't explain the increases in labor force participation among women and blacks.

CROSSWORD

DOWN

- Mist
- Male Points
- Many nouns suffice
- Never (Poeitic)
- Path
- Born
- High Pitch
- Small
- Catch
- Passable
- Miscre
- Nymph
- Children's Game
- Navy rank (abbr.)
- No (Sect.)
- Common plant (Sect.)
- Haughty
- Reviews
- It is (Poeitic)
- Rest
- Reindeer
- Toy
- Fest
- High cards
- No (Sect.)
- Common plant (Sect.)
- Grain
- Park, CO
- Put on, as clothes
- Sticks
- Joke
- Cloth worn by Scottish Highlanders
- Monetary value
- Break step
- Performance
- Paddle
- Flow; current
- It is (Poeitic)
- Grain
- Deteriorated iron
- Pig Pen
- Same score
- Outside (pref.)

Crossword Companion

2	5	14	5	6	17	8	9	10	11
12		13					14		
15		16			17	18			
	19			20	21				
22	23		24	25	26	27	28		
29		30		31	32	33			
34	35		36	37	38	39			
40	41	42	43	44	45				
46		47	48	49	50				
	51	52	53	54					
55	56		57	58		59	60		
61		62	63		64				
65		66			67				

Answers: page 5

GO FOR IT!...

PHOENIX
1984

YEARBOOKS ARE ON SALE
THIS WEEK IN THE U.C.
ONLY \$5.00

LIMITED EDITION)

REMEMBER THAT YOU ONLY HAVE
THREE MORE DAYS TO HAVE YOUR '85
YEARBOOK PORTRAITS TAKEN FOR
FREE IN THE C.P.R.

On the turntable

Vanity: at her best in debut solo album

By Alex Sokołski

If you enjoyed the sound you heard when Donna Summer made her debut on the airways back in 1975 with the song, "Love To Love You, Baby," then there is a new album out that captures Donna's sensual style but with a up-beat, very danceable sound. The album is called, Wild Animal and it's by a woman named Vanity.

Vanity is no stranger to the music business. After departing the very successful trio titled Vanity 6, Vanity hopes that the audience will appreciate her style as a solo artist and as a singer.

Much of the sound of Wild Animal differs than that of the Vanity 6 album released over two years ago. One reason is that by leaving the "6", she has also ended her association with Prince (who discovered the group in Minneapolis). The other reason is that a second Prince discovery, The Time, played the music on the Vanity 6 album (which released the big seller, "Nasty Girl").

Wild Animal, Vanity was free to choose her own musicians that suited her sex style. She also wrote all the lyrics and melodies on the album. In addition, Bill Wolfer composed, performed, and arranged the music. He has

worked with groups like Shalamar ("Dancin' in the Sheets").

As far as the album goes, it's tops. If there is one prevailing theme in every song it is sex, and Vanity seems to quite enjoy singing about it. For instance, on one cut called, "Flippin' Out," the lyrics are:

"Vamp me here, vamp me there
If you love me, I'll swallow your speech
For that vampire who drives me insane
like the sharp fang that nuckled on my..."

Her first single release off the album is called Pretty Mess, and it is making its way up the charts pretty fast.

Bill Wolfer's style is most predominant on this funk/dance production.

Probably the best cut off the album is called, "Strap On 'Kobie Baby'." Its heavy lead guitar and deep bass beat is sure to be a big crossover hit on both pop and dance charts.

For someone who has never heard Vanity before, it might take some time getting used to. Her style is definitely one of a kind. Also, there aren't any slow songs on the album but Vanity's provocative, seductive voice is sure to please.

On a scale of 1 to 10, I'd have to give Wild Animal an 8.

ENTERTAINMENT

Steppen out...

By Alex Sokołski
Entertainment Editor

Last Friday, an event happened in New York City that will go down in the entertainment industry as history. The event was the first annual MTV Music Video Awards and celebrities, executives, and fans showed up to see their favorite music stars present, perform, and hopefully accept their awards.

The Awards were held at Radio City Music Hall and ticket's went for \$100 a piece. A small price to pay for some celebrities like Diana Ross, John Cougar Mellencamp, Roger Daltry, and Ron Wood to name a few. It was also well worth it for those non-celebrities who were lucky enough to get tickets to the sold-out event. In fact, 1-100 (WNFI-FM) sent two lucky winners to the show. That included air fare and lodging.

Honored by Dan Aykroyd and Bette Midler, some of the performers were David Bowie, Rod Stewart, ZZ Top, Madonna, and Ray Parker, Jr.

As far as the winners go, one performer walked away with five awards. He is Herbie Hancock and his "Rockit" video not only set records at these first awards, but MTV still plays the video in regular rotation with its new video. He walked away with awards for Most Experimental Video, Best Special Effects in a Video (surprising Michael Jackson for the "Thriller" video), Best Art Direction in a Video, Best Concept Video, and Best Editing in a Video. Although Michael Jackson walked away with 8 Grammy Awards last Spring, he won only three at the Music Video Awards. They were for Best Overall Performance, Best Choreography, and the Viewers' Choice for Best Video of the Year. All three awards were for the "Thriller" video. Double winners were ZZ Top for Best Group Video ("Legs") and Best Direction by Tim Newman ("Sharp Dressed Man").

Other awards were given for Best Male Video by David Bowie ("China Girl"), Best Female Video by Cyndi Lauper ("Girl's Just Want To Have Fun"), Best Stage Performance in a Video by Van Halen ("Jump"), Best New Artist was the Eurythmics ("Sweet Dreams"), Best Cinematography was by Daniel Pearl ("Every Breath You Take"), and Special Recognition was given to Quincy Jones.

The MTV First Annual Music Video Awards proved to be a great success and it looks like it will be recognized by the entertainment industry and us the public for some time to come.

Texas guitar slinger to appear in Tampa

JOHNNY WINTER, the lanky Texan with the fastest fingers west of the Atlantic ocean, will be bringing his rock'n'roll to Tampa for one night only, Wednesday, October 3rd, at the London Victory Club, 901 Franklin, North. Doors open at 7:00 pm. with showtime scheduled at 10:00 pm. Tickets are \$11.00.

1984 has been a banner year for Winter. His first LP for Alligator Records, GUITAR SLINGER, has received rave critical and public response, charted both Billboard and Cashbox, sold better than his last CBS release in 1980, and broke through onto AOR (Album Oriented Rock) radio. His first video clip ever, "Don't Take Advantage Of Me," is being seen nationally on MTV, as well as many other commercial and cable television outlets across the country. Winter also produced an equally well-received LP, "Whoopin'," with Sonny Terry.

Helicopter

(continued from page 1)

films in the Riddle Theatre (one development being made with the Boeing Vertol program); door prizes (including helicopters) and t-shirts to commemorate the event.

Greg Paischeck of the Embry-Riddle Center, the prime campus motivator of this year's event, predicts that this year's event will be a success. Both he and Daytona Beach Aviation officials believe that activities such as these are valuable because they enable the students to talk directly with people who deal with the helicopter field on a daily basis.

which was released on Alligator Records this spring.

In early September, Winter, along with other guitar luminaries like Al DiMeola and Larry Coryell, conducted seminars and performed at the Guitar Player Magazine "Ultimate Clinic" held at Felt Forum in New York City. Winter also participated as a judge with MTV for the nationally-conducted "Basement Tapes" contest.

With his highly successful 30-date European tour concluded, Winter and his trio are now embarking on their fall U.S. tour.

For further information on tour dates, please call Alligator Records at telex: 206360.

Crowds of ERAU students, faculty and friends showed up to see Four-in-legion guitarist demonstrate the mastery of his ability during last Saturday's concert. (below) The members of the band entertain the enthusiastic audience in the U.C.

Avion photo by Mike Bettoli



OCEANWORLD AQUARIUM

For Your

Exotic Aquatics

AREA'S LARGEST SELECTION OF FRESHWATER FISH



From Lake Malawi and Lake Tanganyika

320 Big Tree Road, South Daytona

(1/2 Block West of U.S. 1) • 756-3500
Mon-Sat 12-8, Sun 12-5

10% DISCOUNT with STUDENT I.D.

L-5 to view Friday's space shuttle launch

By Rob Hardwick

Last Wednesday, the Embry-Riddle chapter of the L-5 Aerospace Society completed all the ground work for a successful fall trimester. We elected Jim

Banko to be the chairman of Programs and Activities, Beth Ann Funaro agreed to remain as chairman of the Legislative Committee, and Kurt Meyer and Rob Hardwick will remain as co-chairmen of the Membership Committee.

Already on tap for October is a trip down to the Cape to watch Challenger return to space. L-5 will carpool down to the Cape on

Friday, October 5, at 4:00 a.m. Anybody interested should leave a note in the L-5 box in the Student Activities Office with their name, phone number, and box number. Our next meeting will be at 7:00 p.m. in W 309 on October 10. Stay tuned to the Avion for more details.

Still on display at the Planetarium is NASA's display of pictures until October 12. L-5

Regatta (continued from page 1)

by the Regatta will be used to purchase a VCR for the children, along with educational tapes for viewing.

Entertainment will be provided at the finish line by the "Better Way". The Budweiser keg truck will be on hand to serve the Hops and Barley.

Tickets will be on sale begin-

ning at 12:30 p.m. for the food and refreshments. No cans or bottles will be allowed on the premises. Beer, hot dogs, pop and Zewiwood, Fla. corn on the cob, will be available.

A special added attraction this year will be the appearance of the Embry-Riddle Skydiving Club who will drop in on us at about 5

p.m.

The traditional trophies will be awarded for first, second, and third place finishers in each of the five categories. The special category this year will be "Drinking Establishments." Awards will be presented for first place only in the Bud Light sprint. The "President's Award" will be presented for the largest cash donation and the famous "Most Unique Raft" award will be presented for the most creative nautical design.

All students, faculty, and staff are urged to attend this worthwhile and charitable event. Fun and laughter is guaranteed to all, so come out and enjoy the day with us.

ACE HOBBIES

One of the Largest Selections of
RADIO CONTROLLED
Air planes • Cars • Boats
In Volusia county
Plastic Models • Trains
Art & Macrame Supplies
10 % Discount to Students
Across from Long John Silver's
2133 S. Ridgewood Ave. 5
S. Daytona 761-9780

the twilight zone

ATTENTION STUDENTS !!!

Thursday is E-RAU night

No Cover With Riddle ID

\$1 Heineken

*50 draft *

Dance contest Tuesday nights \$100 prize
at Daytona's hottest disco
at 930 N. Atlantic Ave in Daytona

AHP pledges elect Phi class officers

By Ben Barrocas

Pledge class Phi opened its first meeting on Wednesday, September 25, 1984. AHP would like to congratulate Francis "Bub" Briscoe for being nominated as president of pledge class Phi. In addition, congratulations are in order for Patrick Aversa for being nominated as vice president, Wendy Richter as secretary and Emma-Jane McDonald as treasurer.

Conducting most of this week's meeting was pledge master Tim Jasmin, and under his leadership AHP pledges made plans for the fall trimester. On the agenda were events such as a car wash and a pledge-brother hayride. In addition, pledge class

Phi will also do a community project. In the past, community projects have consisted of painting airport runways and helping the elderly. Each project not only helped each pledge get to know one another, but it also has benefited the aviation field and the Daytona Beach community.

This week in sports has been Beth Ryg leading off her volleyball team with members Shari Byrd, Ron Kochie, Mike Scranton, Kim Robinson, Kim Mahoney, Jackie Warner, Collin Ausekin, Steve Wall, David Vastal, and Tim Jasmin. A team such as this should make a volleyball tournament quite competitive. Football is still on the sports calendar, however there still are no competent organizations to challenge ALPHA ETA RHO at the Ultimate Game.



Army donates painting

By Kimberly Simpson
Aviation Staff Reporter

"A 4' x 8' Army ROTC painting was unveiled and presented to Dean Fogel and Embry-Riddle on Friday, September 21. The painting depicts military aircraft, tanks and various type helicopters which include Cobras armed with missiles, and

Blackhawk's transporting soldiers and equipment.

Colonel Spradlin, professor of military science at the Army ROTC detachment, made the dedication and stated that the message behind the picture is to show students that pilot slots are available and the Army is training their commissioned officers to fly."

The actual work was done by Captain Keith Fukumitsu, an ROTC instructor who is presently awaiting orders to Germany. Initial sketches, based on actual photographs, were submitted to Colonel Spradlin for final approval. The painting itself took about 100 hours and the entire month of July, to complete.

The Army ROTC detachment hopes that the picture will be displayed in the U.S. so students can enjoy and appreciate not only a representation of the Army but also to the field of Army aviation.

Student Administrative Council

REGULAR MEETING SEPTEMBER 25, 1984

Ed note: These minutes are subject to approval at the October 2 meeting.

CALL TO ORDER: President Thomas Conrad called the regular meeting to order at 6:05 p.m. in the Faculty Staff Lounge.

MEMBERS PRESENT: Thomas Conrad, Matt Marano, Larry diMino, Ed Zinner, Steve Hallock, Sharon Byrd, Chuck Heeler,

Alien Bowen, Charles Kuswaha, Michael Odeka, Joyce Goss, Don Beck, Roberta

MEMBER IN EXCELSIOR: Mark Zuchini

ALSO PRESENT: Alan Williams, Morris Little, Jr., Dave Marler, Brian Flanagan, and 12 applicants for the position of Student Representative.

I. Approval of the minutes of the September 18 regular meeting by general consensus as printed.

II. DIVISION REPORTS

A. STUDENT COUNCIL: Alan informed SAC that applicants for various faculty positions are being interviewed and recommendations will be made at the next SAC meeting. The Parking and Traffic committee will be meeting soon.

B. AVION: Brian reported the third issue of the Avian has been completed. A voter registration drive is in its early stages and will need 20 persons to work as deputy registrars on October 1 which is National Voter Registration Day.

C. PHOENIX: J-B informed the Avian Yearbook arrived today and the division will begin distribution Monday, Oct. 1.

D. ENTERTAINMENT - Attendants at the 29th concert featuring "Four-In-Legion" musical group and Richard Jeffer commision will be on a first come basis. The Thursday night show will be at the new "Shack". Dave also reported the outside door to the new Entertainment office is now in.

III. AERONAUTICS FITNESS CENTER

Ton reported there have been 392 memberships sold including 12 faculty memberships. The committee will be meeting this week to discuss operational issues. It has been suggested that hours of operations might be extended.

IV. REPRESENTATIVE REPORT

1. EA informed SAC that he is planning the Constitutional referendum for the first week in November, preferable on a Tuesday and Wednesday when most students would be on campus. Due to only one letter being voted on it has been decided to use paper ballots instead of the voting machines. The Constitution being ratified will be published in the Avian and made available to all students in the SOA office.

2. ARIEN informed SOA that Daniel Robertson on how the written policy with the University is coming along. Issue will be discussed at the workshop on Saturday.

3) The starting of an abandoned bicycle in front of the Dorn which is starting to rust and is infested with hornets under the seat was discussed and referred to the Safety committee.

4) Chaudhri presented the complaint that the students are not allowed to use the area in front of Dorn I for small group activities. It was noted that the grounds crew controls and the security office controls the area. It was recommended that permission be requested from the physical plant to use this area.

V. STUDENT INPUT AND QUESTIONS

1) Joe Koch suggested more publicity be used when ratifying the constitution.

VI. OLD BUSINESS

1) \$32 per degree for graduating - Arien reported on the history of this chart. It was formerly assessed to all students semesterly and the decision to abolish this practice and to establish a fee for charged only to those graduating.

VII. VICE PRESIDENT'S REPORT

1) Matt presented the revised Fraternities, Clubs and Organiza-

AFROTC to hold Aerobic Run

By C/CAPT Mike Mickey

Health and physical fitness are being emphasized at AFROTC Det. 157 this week. The medical team from Patrick AFB has thoroughly examined and tested all general military cadets (GMC) to determine their medical qualifications to be future officers.

ing for the first time this Saturday, October 6, the training division will be holding the aerobic run at Mainland High School track at 0800. The aerobic run is simply a mile and a half run that must be completed in 12 minutes for men and 14 minutes and 24 seconds for women.

Also on Saturday the new drill team and band will be performing.

trimester, they have been asked to return for the Fireman's Day Parade in South Daytona. We are sure that this will be the start of many impressive performances.

The Commander's Call scheduled this Friday will be highlighted by the Cadre versus senior POC softball game. A good turn-out is expected to see who secures bragging rights at Det. 157.

A few important reminders: October 6 is the last day to register if you plan to vote in the national election next month. C/CO L. Holmberg reminds the cadets to use the chain of command for the solution of problems and answers to questions. This procedure will allow the operations of the wing to run smoothly.

What do these universities have in common?

Purdue University

Washington and Lee University

John Hopkins University

Duke University

American University

Embry-Riddle Aeronautical University

Omicron Delta Kappa

The National Leadership Honor Society.

We recognize those who have attained a high standard of excellence in collegiate academics and activities. If you are a junior or senior with a CGPA of at least 3.0, fill out an application from the ODK box in the Student Activities Office.

An American Tradition since 1914

STUDENT SPECIAL \$4.92 Per Week

Based on 3 Month Membership
"Your future depends on good health!"



Less Than 10 Minutes From E-RAU

- CO-ED
- Free Weights & Machines
- One of the Finest Body Building Gyms in Florida
- Personalized Programs for Beginners
- Friendly, Energetic and Inspiring Atmosphere

Bring This Coupon For

FREE

Trial Workout

There is no price for good health!

ULTIMATE FITNESS CENTER

2550 South Nova Road, South Daytona

788-0100

(Two stoplights south of Bellile and Nova road)



Sorrento's, where every

bite is a delight

Over 36 delicious subs

★ New Calzone ★

Now We Deliver!!!
from 5 to 9pm.

★ Coupon ★

\$.50 off small
\$.75 off large
\$1.00 off x-large
save \$\$\$ on PIZZA

Sorry, no coupon on Pizza Day
and only one coupon at a time

Daily Specials

Monday

Baked Ziti-2.79

Tuesday

Pizza-.50 off reg. price

Wednesday

Baked Lasagna-3.29

Thursday

Spaghetti-1.99

Friday

Ravioli-2.59

Saturday

Meat Ravioli-2.59

this includes bread and butter

Located in the K-Mart Plaza

OPEN 8am to 10pm

Phone 255-1817

Bethune-Cookman upsets Delaware St.

By Patrick McCarthy
Avion Staff Reporter

Bethune-Cookman College upset its record to 3-1 with a brawling, high scoring upset victory over Delaware State Saturday night at Welch Memorial Stadium.

The Wildcats outlasted the previously unbeaten Hornets 41-38 in an impressive show of offensive firepower. B-CC's junior quarterback Bernard Hawk threw for 324 yards and one TD.

Neither defense seemed able to stop the other team, as both squads put together numerous long drives to score. However, B-CC's defense rose on several key occasions to stifle Delaware State drives with interceptions. B-CC defensive back Overstreet returned one 39 yards to tie the game at 14 late in the second quarter.

The Hornets came right back with a 41-yard field goal on the play of the half to retake the lead.

Delaware State opened the second half with an impressive 95-yard drive, capped by a 59-yard TD pass from Pat Spencer to J. Taylor which opened their lead to 24-14.

B-CC's offensive fireworks came alive on the next series as the Wildcats drove 77 yards and scored on a fumble recovery by John Bonito. The ensuing kickoff gave B-CC the ball on the Hornet

27. Nine plays later King Green leaped over from the 1-yard-line to give B-CC the lead, 28-24.

Another Hornet miscue gave B-CC the ball at the State 28. Hawk's 8-yard scoring toss to Sebastian Brown closed out the third quarter.

Delaware State scored again to narrow the margin to three, 34-31, on a 13-yard scamper by Steve Holiday at 9:44 of the fourth quarter.

But B-CC came right back with an answering 73-yard drive topped by Green's second TD run of the night, this one 11 yards.

B-CC's first score came after the first of three interceptions by defensive back Harvard Fisher. On the first play after the interception, the Wildcats mounted a playbook-perfect halfback option pass from James Graham to Leon Gonzales, which went a school record 80 yards. Freshman kicker Artie Cannon added the kicker of his five PATs.

Delaware State, previously the nation's seventh ranked Division I-AA team, dropped to 3-1.

B-CC's record in the Mid-Eastern conference goes to 2-0, putting them in the running for their conference title. If they defeat four-time defending conference champion South Carolina State on October 27 in Orlando, they will win the crown. If B-CC loses, they will probably finish in a three-way tie with Delaware State and South Carolina State, all with 2-1 conference records.



B-CC quarterback, Bernard Hawk, sets to throw during action against Delaware State. Charles Robinson (74), B-CC Right Tackle, provides pass protection.

BETHUNE-COOKMAN BEARS		13	E-RAU INDIANMALES	
Offense	Defense		Standings	PPG
1. Sigma Chi	Air Force 1		Sigma Chi	100.18
2. Sigma Pi	Delta Chi		Delta Chi	99.22
3. Alpha Eta Rho	Alpha Phi	19	Alpha Phi	98.22
4. Delta Chi	Alpha Gamma	6	Alpha Gamma	96.13
5. Gamma Phi	Alpha Tau Omega	5	Gamma Phi	95.21
6. Alpha Phi	Alpha Sigma Phi	40	Alpha Sigma Phi	94.21
7. Alpha Gamma	Alpha Tau Omega	12	Alpha Tau Omega	93.21
8. Alpha Sigma Phi	Alpha Sigma Phi	13	Alpha Sigma Phi	92.21
9. Alpha Tau Omega	Alpha Tau Omega	10	Alpha Tau Omega	91.21
10. Alpha Gamma	Alpha Gamma	12	Alpha Gamma	90.21
11. Alpha Sigma Phi	Alpha Sigma Phi	13	Alpha Sigma Phi	89.21
12. Alpha Tau Omega	Alpha Tau Omega	10	Alpha Tau Omega	88.21
13. Alpha Gamma	Alpha Gamma	12	Alpha Gamma	87.21
14. Alpha Sigma Phi	Alpha Sigma Phi	13	Alpha Sigma Phi	86.21
15. Alpha Tau Omega	Alpha Tau Omega	10	Alpha Tau Omega	85.21
16. Alpha Gamma	Alpha Gamma	12	Alpha Gamma	84.21
17. Alpha Sigma Phi	Alpha Sigma Phi	13	Alpha Sigma Phi	83.21
18. Alpha Tau Omega	Alpha Tau Omega	10	Alpha Tau Omega	82.21
19. Alpha Gamma	Alpha Gamma	12	Alpha Gamma	81.21
20. Alpha Sigma Phi	Alpha Sigma Phi	13	Alpha Sigma Phi	80.21
21. Alpha Tau Omega	Alpha Tau Omega	10	Alpha Tau Omega	79.21
22. Alpha Gamma	Alpha Gamma	12	Alpha Gamma	78.21
23. Alpha Sigma Phi	Alpha Sigma Phi	13	Alpha Sigma Phi	77.21
24. Alpha Tau Omega	Alpha Tau Omega	10	Alpha Tau Omega	76.21
25. Alpha Gamma	Alpha Gamma	12	Alpha Gamma	75.21
26. Alpha Sigma Phi	Alpha Sigma Phi	13	Alpha Sigma Phi	74.21
27. Alpha Tau Omega	Alpha Tau Omega	10	Alpha Tau Omega	73.21
28. Alpha Gamma	Alpha Gamma	12	Alpha Gamma	72.21
29. Alpha Sigma Phi	Alpha Sigma Phi	13	Alpha Sigma Phi	71.21
30. Alpha Tau Omega	Alpha Tau Omega	10	Alpha Tau Omega	70.21
31. Alpha Gamma	Alpha Gamma	12	Alpha Gamma	69.21
32. Alpha Sigma Phi	Alpha Sigma Phi	13	Alpha Sigma Phi	68.21
33. Alpha Tau Omega	Alpha Tau Omega	10	Alpha Tau Omega	67.21
34. Alpha Gamma	Alpha Gamma	12	Alpha Gamma	66.21

Judge voids college football TV contract

(CPSI-UCLA, which is covered by the PAC-10 conference's TV contract with CBS, wanted its game with Nebraska televised on CBS.

Nebraska, though, is under contract with the College Football Association (CFA) to appear only on ABC.

The same contract put the

November 24 Notre Dame-Southern Cal game in TV limbo.

Now U.S. District Judge Richard A. Galdieri says the CFA's refusal to let its member teams appear on CBS violates anti-trust laws, and leaves it up to the individual schools to decide on which network they'll appear on ABC.

ABC is appealing the decision.

Stormriders to surf in St. Augustine Blowhole

By Jeff Jones

The Embry-Riddle Stormriders Surf Club is competing in the first National Scholastic Surfing Association team event of the new season. The 'Team Challenge' is the first of three contests to be held this year. Teams with the highest point accumulation out of the three contests will be eligible to compete in the national championships in California.

This weekend's contest will be held at Blowhole at St. Augustine. E-RAU will be represented by a six-man team. Team riders will be: Jeff Jones, Fred Bauld, Mark Carter, Brian Hughes, Mike Watson and Dan Smith. Shelly Haig and or Sharon Johnson will compete in the women's division. Jeff Jones will surf in the kneeboard division.

The contest starts at 07:30 sharp. Anyone interested in supporting their school's team should be there!

DON SHULA'S CHALK TALK



Copyright 1983 NFL Properties, Inc. Distributed by United Features Syndicate, Inc.

and all four linebackers in a 3-4 defense. Sometimes motion isn't a necessary part of the play, but it is usually very effective in getting the defense guessing what the offense will do. The accompanying diagram shows a fullback in motion on a tight end's side to the right. The men in motion are from the right to the left, hoping to make the defense assume that the play will be in that direction.

Busch Boys too intense for Brothers of the Wind

The Brothers of the Wind, normally an explosive team, fell Sunday to the Busch Boys 31-0. Things did not look very good for the Brothers after Wayne Stewart scored on an interception return for the Busch Boys on the first

play of the game. The Brothers of the Wind lacked the intensity they displayed a week earlier when they defeated Nuclear Waste by an identical score of 31-0. The Brothers off day came at an inopportune time with the Busch Boys playing their best game of the season.

Noe Martinez, starting his first game at quarterback in place of a sidelined Larry Benninger, was the key to the Busch Boys offense. Martinez continually eluded pass rushers and fired two touchdown passes to Bill Evans and Ed Harris. Stan Johnson also found Steve Collins in the endzone on an option play. Mike Kohn scored the Busch Boys fifth TD on a deceptive quarterback option play.

The Busch Boys defense kept the Brothers out of the game limiting them to one first down the entire game. Paul Catano had an outstanding game, managing to record five sacks on the Brothers' quarterback. Two interceptions by Stan Johnson, at the goal line off a deflection by Brian Mosell, and one by Steve Collins, held the brothers in check. Strong defensive play was turned in by the entire unit.

With the season still early, one thing is for sure, don't count out the Brothers of the Wind.

Did You Know?

Meal Plan prices are prorated each week and may be purchased anytime during the trimester.

Meals Per Week	Mon-Fri Only	10	15	19
Week Beginning				
9/23 - 9/29	\$166.65	\$300.30	\$400.18	\$447.59
10/7 - 10/13	\$136.65	\$245.70	\$327.42	\$366.21
10/21 - 10/27	\$106.05	\$191.10	\$254.66	\$284.83

Meal Plans may be purchased Monday through Friday, 10 A.M. until 3 P.M. in the kitchen office.

BEACH YAMAHA



phone 427-5259
258-5148
located on hwy US 1, New Smyrna Bch.

SCORES, STATS AND STANDINGS**BOWLING**

E-RAU BOWLING LEAGUE

AS OF MONDAY, 24 SEPT.

TEAM W L

Francisco's Kids 12 0

The Untouchables 11 1

Vet's Club 10 2

Boyscouts 9 3

"3-Kids" 8 4

High Timers 7 5

No. One Bowlers 7 5

Crazy 8's 6 6

Wanderers 6 6

Bowling Stones 6 6

High Rollers 5 7

Gangsters 5 7

The Uesoh 5 7

Wright Brothers 5 7

Vet's Vandalas 4 8

Len's Angels 4 8

3-Guys 1 3.5 8.5

Schwartzduke 1 7

The Brew Crew 0 14

Unknown Bowlers 0 14

HIGH SERIES

Team Bud Brothers

The Untouchables

Vet's Club

Men

S. Holey

J. Kortz

M. Kohn

575

BASKETBALL

Team Bud Brothers

The Untouchables

Vet's Club

Men

S. Holey

J. Kortz

M. Kohn

575

INTRAMURAL

Team E-RAU LEAGUE

Standings

Men

S. Holey

J. Kortz

M. Kohn

575

EXCITERS

Sisters

16

20

Naval Avn vs Black Attackers

Literati vs AFROTC

17:30

Vets Eagles vs Afterburners

A.H.P. vs Sudden Impact

Fisher St. Knights/Dirty Dozen

KSA vs Diamond Cutters A

Scouts vs Boys O' Cutters A

*NOTE: Due to the heavy rains, last Thursday's schedule was postponed. Last week's schedule will be in effect for this week.

17:30

Exciters vs Sick Fox

17:30

Imperial Players vs Nets

Zebra vs Sick Fox

18:00

Rockers 2 vs Exciters

18:00

Rockers 1 vs Hoopsters

18:00

Hoopsters vs Rockers

18:00

Exciters vs Tarheels

18:00

B.O.N.G. vs Sisters

18:00

Naval Avn vs Black Attackers

Literati vs AFROTC

17:30

Vets Eagles vs Afterburners

A.H.P. vs Sudden Impact

Fisher St. Knights/Dirty Dozen

KSA vs Diamond Cutters A

Scouts vs Boys O' Cutters A

*NOTE: Due to the heavy rains, last Thursday's schedule was postponed. Last week's schedule will be in effect for this week.

17:30

Exciters vs Sick Fox

17:30

Imperial Players vs Nets

Zebra vs Sick Fox

17:00

Eric's Kids vs Spikers

17:00

Hooperstars vs Zeta Beta

18:00

Eric's Kids vs Spikers

18:00

The Eagles vs Zeta Beta

18:00

The Eagles vs Zeta Beta

18:00

Sigma Rho/The Black Sheep

18:00

American Association of Airport Executives**Dinner Meeting**

Friday October 5, 1984

7:30 p.m.

Treasure Island Inn

Guest Speaker:**Donald Claussen***** Special Assistant to FAA Administrator***** Former Congressman***** Wrote Airport Improvement Program Legislation****Members: \$9.00 Nonmembers: \$11.00**
Reservations Through Box H-109**Briefs from Florida colleges**

(CPS) - University of Florida student officers are searching for ways to cooperate with University of Miami and Florida State fans to end UF's reputation of having "the most obnoxious fans in the state".

Few players attend Arizona's drug education classes

(CPS)-As few as 30 percent of the university's athletes are attending the mandatory drug education seminars, a UA coach reports.

Athletic Director Cedric Dempsey last week met with all coaches to discuss ways to get athletes to the five seminars, including walking them to classes.

Avion Sports presents Football Pool 1984

The Avion sports football pool for 1984 is sponsored by Keil's "Northern Style Beer" Subs. You can enter this entry form and circle who you think will win in the matchups provided below.

Deadline for entries will be Friday, October 5, 1984 at 1700 hrs. Entries can be dropped in the campus mail or brought to the Avion sports desk.

A winner will be selected Monday, October 8, 1984. Winners are selected on the basis of the amount of correct answers made on the entry form. Should a tie occur, then the winner will be selected by how the entrant best answers the tie breaker question. If a tie still occurs the entrants will be contacted to engage in a one on one football playoff based on a five question trivia quiz mediated by the Avion Sports Editor.

The tie breaker question will only be used in case of a tie. In the event of a tie and one of the entrants does not answer the tie breaker question, the other entrant will win.

The winner will be able to receive a large sub sandwich FREE from Keil's Subs. Avion staff members are not eligible to participate.

AVION SPORTS FOOTBALL POOL	
NATIONAL FOOTBALL LEAGUE	
Denver	at Detroit
Miami	at Pittsburgh
Minnesota	at Tampa Bay
New England	Cleveland
New Orleans	at Chicago
N.Y. Jets	Kansas City
Philadelphia	Buffalo
St. Louis	at Dallas
Washington	at Indianapolis
Atlanta	at L.A. Rams
Houston	Cincinnati
San Diego	Green Bay
Seattle	L.A. Raiders

COLLEGE

Oklahoma State Nebraska
Ohio State at Purdue
Michigan St. at Michigan

TIE BREAKER

Name the city and the stadium where the 55th Major League All-Star game will be played.

NAME _____
E-RAU Box _____
PHONE NUMBER _____

Want to move up quickly?

See Major Donnell at the University Center on Oct 8, 9, 10, 11 or call 1-800-432-2061.

Airport Execs invite Claussen to dinner meeting

By Jeffrey Miller

Donald Claussen, special assistant to the FAA administrator, is scheduled to speak at a dinner meeting of the American Association of Airport Executives as a representative for the administrator.

Congressman Claussen, who served as a member of Congress for almost 20 years, was in-

strumental in passing key aviation legislation. He is author of the Airport Improvement Program legislation during the 96th Congress. In recognition of his contribution to aviation, he was awarded an honorary Doctorate from E-RAU.

The dinner will be held on Friday, October 5, at the Treasure Island Inn, at 7:30 p.m. The cost

of the dinner will be \$9.00 for members, \$11.00 for non-members. For reservations, those interested should send a note to Eva Marie Funaro, Box H109.

In addition to Congressman Claussen, AAAE has lined up John Dickerson as a future dinner speaker. Mr. Dickerson is currently Assistant Director in

the aviation department of the Port Authority of New York and New Jersey. Prior to that he held the position of General Manager, Newark International Airport and Teterboro Airport. Mr. Dickerson, who held directorship and progressively more responsible offices in the American Association

of Airport Executives, currently serves as President of the 1,500 member organization, of which E-RAU's AAAE is an academic chapter. He earned a Bachelor of Aeronautics Engineering Degree from New York University and completed the program for Management Development at the Harvard Business School.

In World War II, he served in the United States Army Air Corps as a transport pilot in the China theatre. Mr. Dickerson is scheduled to speak on November 1.

Another dinner meeting is planned for late November, with a speaker to be announced.

The club has planned some air-tour flights for this trimester. A tour of Tampa has been rescheduled for sometime in mid-October. The plans for a tour of Miami's facilities are still in the works.

AAAE's internships are running smoothly. If a student is interested in an internship at an airport of their choice, let us know so the club can establish contact. This is an excellent opportunity to get valuable experience in airport management, and a way to improve your "employability".

The next meeting of AAAE will be on Thursday, October 4th, in room E-604.

AIAA to host spring conference in Atlanta

The following is an excerpt from AEROSPACE FRONTIERS, vol. 15/No. 2 September, 1984. This newsletter is published by the Cape Canaveral Section of AIAA. This article was contributed by Dr. Tej R. Gupta, Professor and AIAA Faculty Advisor, Embry-Riddle University. Dr. Gupta is a long-time member of AIAA and has supported the Cape Canaveral Section with both time and cooperation. "The American Institute of Aeronautics and Astronautics (AIAA) is an organization designed to benefit newcomers to the fields of

aerospace and aviation, as well as to create a forum to exchange knowledge among the scientific community in America. At Embry-Riddle Aeronautical University, the AIAA branch was reorganized in early 1983 under my guidance as faculty advisor. Prior to that, the AIAA chapter was almost "dead". Our chapter has already come a long way from our small beginning, and, for the first time, Embry-Riddle was represented at the Southeast Region annual conference in Atlanta in spring of 1980. Now, the chapter is one of the nation's largest with over 120 student members. A lot of activities were

planned and carried out over the last four years. As of late, our students have been presenting technical papers at these annual events. Last year, the Embry-Riddle student chapter hosted two dinner meetings of the Cape Canaveral Section at Daytona Beach. For the first time, representatives from various local high schools (Mainland, Bayside, Spruce Creek) participated as well. In fact, ours is the host chapter for next spring's Southeast Region conference in Atlanta. This will be the first conference hosted by the Embry-Riddle chapter, whose members will be largely responsible for the

smooth running of the meetings and sessions."

Dr. Gupta is also pleased to announce that Mr. Thomas R. Gagnier, Director Configuration and Data Management, Martin Marietta Aerospace Company, Orlando, has accepted the invitation to be our guest speaker at the next Senior Cape Canaveral Section meeting to be held at Daytona on October 19, 1984 at Cap'n Cott's Inn. This meeting will again be hosted by the AIAA student branch of E-RAU.

In the success and happiness of any individual depends to a great extent on his or her group identity. For those of you who have chosen to pursue a career in avionics, this may sometimes seem like wishful thinking. I'm sure you will agree that we are not the prima donna's of the Embry-Riddle campus which the placement of our department offices and labs makes so painfully clear. We come and go, but nobody knows where.

Certainly, the problem of identity extends beyond the simple matter of visibility. Try communicating to anyone on campus about transistors, electron beams, and phased lock loops, and you will automatically invoke the "dropped jaw, blank stare, and fidgety feet syndrome. What the bleep is this guy talking about!"

One solution to this problem is to actively endorse and participate in a university chartered club dedicated to increasing Avionics student identity and involvement. The Avionics Club was formed last spring to achieve these ends. We need your support. Through your insights and participation we can make a difference.

Sigma Chi raises medical funds

By Ted Sandoval

Congratulations to the new men of the Alpha Iota pledge class. The new pledge class yielded forty-four strong and ambitious men.

These men have now taken their initial step to a life-long achievement in Sigma Chi: Maurice Aguilar, Steve Avakian, Larry Biddle, Sean Clements, Gregg Cohen, Mike Diario, Gregg Dufinski, Paul English, Kevin Ergenbright, Claude Franco, Dave Francisco, Anthony Graham, John Higgins, Matt Holt, Paul Holt, George Homich, Dennis Jordhamo, Curt Keeler, Eric Klauber, Allen Kotarba, Asad Kemal, Shahzada

Kaan, Joe Kortolanski, Tim Leduc, Michael Mullen, Joe Neer, Scott Quinn, Randy Redburn, Ken Robinson, George Scalzo, Leo Shamblen, George Spencer, Ross Stearn, Wes Triff, Dan Ward, Brett Watrous, Clay Wilson, George Zinninger. The Eta-Iota chapter with these men the best of luck and a productive trimester.

Over the weekend, Sigma Chi got together with brothers from the Theta-Beta chapter in Tampa for their annual Derby Days. The whole event raised funds to aid the Wallace Village for children, a private, non-profit psychiatric center for rehabilitation of emotionally disturbed children.

Coming up in October, Sigma Chi will have its annual blood drive (Oct. 25-26). So brothers, pledges, faculty and friends, start preparing yourselves to help make this year our biggest blood drive ever! The pledge class will also be vigorously involved in raising funds for the upcoming triathalon benefiting the Central Florida Diabetes Foundation. Claude Franco, a Sigma Chi pledge, will be participating in this laborious event. Sponsors can make donations by calling Bill Isaacson at 252-2277.

Congratulations goes out to our football team who annihilated the Alpha Eta Rho team by a score of 41-13.

Lambda Chi withdraws from kil-a-keg

By Steve Williams

During last Monday's business meeting, the chapter voted unanimously to not support or attend the traditional, bi-annual Interfraternity Council event known as Kil-a-Keg. Included in this vote, as in all chapter votes, were the sixteen new associate members of Lambda Chi Alpha.

The brothers decided that it was time to bring about a change in this dangerous and non-productive event. This event was ironically created by the past IFC to promote fraternity relations. Unfortunately, the relations created for the most part are not of the desirable type.

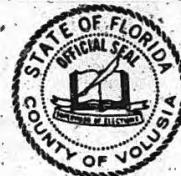
Kil-a-Keg is an interfraternity event held at the center of the three fraternity houses on Ridgewood Avenue in downtown Daytona Beach. It is attended by approximately 150-200 Embry-Riddle Greeks and their guests. Two fifteen gallon kegs are placed at each of the three houses involved, two of which are located on the west side of Ridgewood and one located on the east side.

The theme of the party is to travel from house to house in one large mass encountering a new keg and proceeding to drain it. At no time are two kegs from one location consumed consecutively. Otherwise, over 150 people must cross, one of the busiest streets in the area, at least four times. That amounts to over 600 times that these people, usually in a condition of lowered awareness, risk being struck down, and possibly killed by a passing motorist. The liability, or more importantly, the moral aspects of a possible incident are staggering. The other major complaint is with past

damage and theft which has occurred.

Lambda Chi, along with the rest of the Greek letter world, is trying to rid themselves of the "Animal House" stereotype.

OFFICIAL VOTER REGISTRATION



In Cooperation With:
KATHERINE S. ODHAM
SUPERVISOR OF ELECTIONS
VOLUSIA COUNTY, FLORIDA

ATLANTIC WATER SPORTS

(The old Wave Club)
18 Bovard Ave Ormond Beach
OPEN 10-6 Monday to Sunday
673-5922

HYDRO SLIDES 74.95
WATERSKIS & ACCESSORIES
G&S and NECTAR SURFBOARDS

VHS Surf Films Played Continuously

Buy One Get One 1/2 Price
BAGGIES
WALKING SHORTS.
BOYS & MEN'S DRESS PANTS
BOYS & MEN'S DRESS SHIRTS

LEVI Pre-wash 15.99
VAN Shoes 25.95

VICTORY, O'NEIL, RIP CURL
Wetsuits From 26.95

Chess Tournament

Sat. Oct. 6, 9:30 a.m.

Inside Common Purpose Room
For More Info. Contact
Jonathan Russell at
756-2310 or Box 4063

Delta Chi holds successful rush

By Dave Bizar

The past week has proven to be extremely productive for the Brothers of Delta Chi. The week began this past Saturday with Delta Chi's formal Rush Party and ended one week following with Pledge initiation.

Saturday evening's Rush Party proved to be one of the best ever for the fraternity. The outstanding event was coordinated by Geoff Murray, Rush Chairman. Outstanding job, Geoff.

The formal event was attended by all Brothers and 45 pledge candidates. Female guests were also on hand to improve the festivities. Donna Reed did an outstanding job preparing the food for the party. The ten

pounds of shrimp were consumed in less than an hour.

On Saturday, Delta Chi extended bids to twenty-four men, all of which accepted the invitation to pledge. For those men who did not receive bids this term, Delta Chi participates in Spring Rush in January.

On Saturday, September 29, Delta Chi sponsored Pledge Awareness Day. The event consists of a general orientation to fraternity business and policies as well as house maintenance.

The day began with seminars held by all committee chairmen. Committees such as Social and Scholarship delivered lengthy discussions on their duties. Next on the agenda was officer discussions.

Delta Chi President Robert Denecke discussed the overall goals of the fraternity and the policies it upholds. He went on to discuss campus involvement and scholastics. Bob stressed the importance of maintaining outstanding grades while having a good time. "A good balance is necessary," stated Denecke.

Delta Chi Vice-President Jones Frownfelter discussed committee coordination and public relations work. The day went on with discussions from the Secretary, Treasurer, Alumni Secretary and Sergeant-at-Arms.

Come early evening the candidates were fully initiated as pledges in the Delta Chi fraternity. Congratulations, guys.



Mike Gelerka of the Vandals shows great form after his team was defeated by the High Timers, three to four.

Six students join Lambda Chi Alpha

By Steve Williams

Getting back to general business, Lambda Chi Alpha has got six more names to add to our ever increasing membership. The new associate members are Jim Busteworth, Hector Gonzalez, Tim Murphy, Stan 'Staal' Siedlarczyk, John Schulke, and Bill Whitside. Lambda Chi Alpha has become a leader on this campus. We are involved in every aspect of Embry-Riddle life: student government association, student activities, and many other extra-curricular activities. We are a voice to be reckoned with.

When Lambda Chi Alpha

Dinner meeting Friday for AIAA at Captain Cody's

By Brooks Faurot

The E-RAU chapter of the American Institute of Astronautics and Aeronautics (AIAA) will be hosting a dinner meeting, Friday, October 19 at 6:30 p.m. at Captain Cody's Restaurant on Beville Rd. in South Daytona. Mr. Thomas Gagner of Martin Marietta will be the guest speaker and will discuss ornithology. Ornithologists are heavier than air devices propelled through the air by flapping wings.

Mr. Gagner, one of the most sought after speakers in the state, will be a major organizer of the AIAA Southeastern Regional Conference in Atlanta next April. E-RAU's AIAA chapter will be host of that conference and dozens of companies from the aviation field will be sending representatives to look for new talent.

Tickets for the dinner this month may be purchased from Dr. Gupta, AIAA faculty advisor, on the second floor of the engineering building, room 11 during office hours or from AIAA president Jeffrey Cohen. The cost is \$10 per person and includes dinner, dessert and a cash bar. Tickets must be purchased before Friday, October 12.

Last week 15 students and six faculty visited Cape Canaveral to hear Mr. John Murphy's talk on experimental and composite aircraft. Since 1975 Mr. Murphy has built five aircraft, including a Long EZ and a Glassair. Tropical storm Isidore knocked out the lights shortly after Mr. Murphy began speaking, but an enthusiastic crowd urged him to continue his discussion in the near darkness. At the conclusion of the meeting, he issued an invitation to AIAA students to come to his house at a later date to see his aircraft.

Several projects are in the works for this trimester. John Armstrong is directing an AIAA design team which will attempt to win a \$1500 prize from the national organization. Joseph Piotrowski and several other students have begun plans to

stand up 15 years ago and abolished its pledge program, and replaced it with the constructive, educational and inspirational associate member program. The Greek letter world said we would never last. Lambda Chi Alpha is not only the third largest fraternity in the world, but it is also presently growing at a faster rate than any of the others.

We feel that the emotional uplift and inspiration created at the end of the traditional pledging period is created by just that, the end of the pledge period. Our program offers the same uplift and inspiration but still preserves humanity. The proper way to log an increase is not to start at

the emotional low, but is to start at the level at which the new member enters the brotherhood. We believe there is no where to go but up. This is done through constructive, educational and inspirational examples.

We would love to talk to anyone interested in this concept. Call it the Lambda Chi Alpha experience. Come see us in W 306 on Mondays at 8:00 p.m.

Skiers compete in first meet of season

On Saturday, September 22, the Embry-Riddle intercollegiate ski team participated in its first competition of the 1984-85 season. Five members of the team traveled to Gainesville to compete against the University of Central Florida, Florida Southern, Rollins College and the University of Florida.

The tournament, originally scheduled to be held in Orlando, was moved to Gainesville a few days before the competition. Despite the late notice given to the schools, the Riddle skiers were able to field a team for the men's slalom event.

Slalom skiing is held on a course consisting of a starting gate, six buoys and a closing gate. Each skier must enter the gate,

weave through the buoys, and exit the closing gate in order to complete a successful pass. Each time a successful pass is made, the boat speed is increased. When the boat speed reaches 36 miles per hour, the tow line, originally 75 feet long, is shortened for each successive pass. A skier proceeds until he or she falls or fails to round a buoy or make a gate. Once this occurs, the total number of buoys rounded by the skier is counted. The skiers are then ranked in order of how many buoys they made.

The top performer for Embry-Riddle was Mark Barker, who's best pass was three buoys with 28 feet off the 75 foot line. Gray Ricker also judged in the first performance. He made all six

buoys with 15 feet off the line. The other members of the team were J.P. Rouleau, Kent Johnson and Matt Brown. Each gained valuable experience skiing against tough intercollegiate competition.

The next tournament for the team is the Southern Conference Team Trials, which will be held at Rollins College on September 29 and 30.

Under the direction of club advisor, Doctor James M. Cunningham, the Riddle Skiers are beginning their sixth year as an active organization on campus. Dedicated to the promotion of waterskiing among the E-RAU community, the Riddle Skiers are a combination of two separate clubs: the Waterski Club and the Intercollegiate Team.

The members of the Waterski Club meet regularly at an area lake to enjoy a day of skiing. The boats used to pull the skiers are donated by members, and the equipment used is provided by the club or by the students themselves. The members of the Intercollegiate Team compete regularly against other colleges and universities, in the Southeastern United States.

The students provide their own equipment and finance the majority of their training and practice. Both clubs work together to improve the facilities and services of the Riddle Skiers.

At the first meeting of the organization, the officers for the 1984-85 school year were selected. Jeff Pager, an active member and boat driver for over a year, was elected president. Larry Bennington, last year's president, was elected vice-president and director of the ski team. Wes Hazelworth is the new treasurer and Roy Pager became secretary. Mike Stutz has been appointed activities chairman. He will coordinate the social functions of the ski club.

At this time there are forty active members in the organization, but membership is open to all students and faculty. Information may be obtained through the Clubs and Organizations Office.

**TERM PAPERS
RESUMES
COVER LETTERS
COMPUTER EMPLOYMENT DATA BANK
THESIS**

BONNA MORGAN

Secretarial Service/Word Processing International
257-1617 or 257-1664

*Quality Service, Like Quality Education,
Doesn't Cost...IT PAYS!*

The professional service you can count on

Student Cards available in the Student Activities Office

*To better serve YOU...
An Appointment is Recommended*

CAMPUS BOOK-RACK
"NOW YOU HAVE A CHOICE"

Will buy-back any textbook in print

School Supplies
Drafting Supplies
Computer Supplies

GULLIVER'S TRAVELS

OPEN 7 Days

Ph. 252-6119



B-5

Mission to achieve many space 'firsts'**Challenger fuels up for Friday launch**

By Jeff Guzzetti

Countdown for the next launch of the Space Shuttle Challenger will commence at 10:00 p.m. today at the T-minus 43 hour mark. The launch is scheduled for this Friday, Oct. 5, at approximately 7:03 a.m.

Designated as Mission 41-G, Challenger's sixth flight will be highlighted with a landing back at Kennedy Space Center on Saturday, Oct. 13, at 12:23 p.m.

NO CONTINGENCY TIME

According to NASA representative Mitch Barnes, pre-launch preparations for Challenger are progressing smoothly. As of last Friday, technicians were six hours ahead of schedule with the loading of hypergolic fuel in the Orbiter Maneuvering System (OMS).

"That's good news," explained Barnes, "because we have no contingency time planned for this launch." Barnes went on to explain that if something should go wrong with Challenger during the countdown, the launch would probably have to be pushed back an entire day. "It's going to be tight, but we can do it," reassured Barnes.

Challenger is now undergoing preparations for loading of the external fuel tank with liquid oxygen and liquid hydrogen. Tomorrow, the flightdeck and middeck will be prepared for crew flight control.

MANY SPACE FIRSTS

Among the more notable achievements expected during the flight will be the first space mission to include seven crew members, the first to include two women, the first spacecraft by an American woman, first crewman to fly a fourth shuttle mission,

first flight of a Canadian astronaut, first demonstration of a satellite refueling technique in space, and the first flight with a reentry profile crossing the eastern United States.

Leading the record-size crew will be veteran astronaut Robert L. Crippen. Crippen, who was pilot of STS-1, will ride in space for his fourth time. Other

57 degrees to the Earth's equator.

This radically high inclination orbit will allow Challenger to overfly almost all of the United States and Canada during the mission. The flight path will carry the orbiter as far north as Sweden and Korea and farther south than New Zealand and the tip of South America. This mission profile will allow Challenger to conduct optimum earth observations.

A BUSY SCHEDULE

One of the first activities after launch will be the deployment of the Earth Radiation Budget Satellite (ERBS). Designed as a free flying satellite, ERBS will gather radiation budget data from low earth orbit to determine the total energy flow that the earth receives and radiates each day.

Other activities for the remainder of Challenger's mission include:

GST-A-3 - This is a pallet designed to compare photographic and radar images of various portions of the earth's surface and atmosphere.

Large Format Camera - Consists of two camera systems which will allow for extremely accurate geographical mapping.

Orbiter Refueling System - This

experiment involves a spacewalk and is designed to demonstrate a system for refueling satellites without the necessity of returning them to earth.

Canadian Experiments - Canadian payload specialist Marc Garneau will conduct experiments dealing with space technology, earth sciences, and life sciences. Garneau will do an intensive study of space sickness on himself.

Getaway Specials - Eight canisters with as many as six experiments each will be activated by various crewmembers throughout the mission.

A complete post-launch report of Challenger's mission will be printed in next week's issue of the *Avion*.

Pilot warning

During the launch of Challenger this Friday, the skies in the vicinity of the space center will be reserved for official mission aircraft and will be off-limits to general aviation pilots.

The possibility of mid-air collisions, terrorist attacks, launch delays due to violators, and other hazards dictate that the airspace surrounding the shuttle launch and landing areas be cleared.

Those who find it absolutely necessary to be airborne on the morning of the launch are advised to stay west of the Indian River and seek traffic advisories from the Patrick Approach Control (VHF 118.4), TICO Airport Tower (VHF 118.9), or Melbourne FSS on discrete frequencies VHF 122.6 or 123.6.

crewmembers include Jon A. McBride, pilot; Sally K. Ride, Kathryn D. Sullivan, and David Leestma, mission specialists; and Paul D. Sculley-Power and Canadian Marc Garneau, payload specialists.

NEW MISSION PROFILE

The total mission duration of Flight 41-G will be eight days, five hours, and 20 minutes. Challenger will be launched into a circular 218 mile orbit inclined

Mission 41-G crew patch

forms an ideal mirror-smooth coating." With that gun, according to the Novosti Press Agency, Svetlana Savitskaya, a female cosmonaut who later came back to earth, experimented with hand welding, soldering, cutting, and spray-coating of metals in open space for the first time.

In another experiment, Soviet cosmonauts who set a new space endurance record of 234 days have made plans to return to earth just seconds. As of this writing, it is unknown if they had or not.

On September 7, Soviet cosmonauts Leonid Kizim, Vladimir Solov'yev, and Oleg Atkov exceeded the previous space endurance record of 211 days set by cosmonauts Anatoli Berezovoy and Valentin Lebedev. According to the Novosti Press Agency, the official Soviet press agency, Leonid Kizim and Vladimir Solov'yev made six space walks, for a total of 24 hours out in space.

One of the experiments carried out in space in July was a testing of a new electron-beam gun capable of applying metallic and polymeric coatings to various underlying materials. The principle behind the electron beam gun involves "shooting a beam of electrons at a refractory crucible; it evaporates the metal while the vapor settle down upon the surface which is to be treated, and

Another biological experiment is the splitting of DNA. On the ground this is complicated by the gravity-caused thermal convection currents, which mixes up the solution.

A medical experiment dealing with space adaptation and YOGA (a Hindu philosophy which is practiced to gain control over the forces of one's own being), was also tested by Indian cosmonaut Rakesh Sharma. The results of this experiment are not yet known.

The Aerospace Observer**Wanted: Space Station Employees**

Two weeks ago, NASA initiated a program that will generate thousands of jobs during the next ten years. Due to the nature of the program, future Embry-Riddle graduates may become the prime market in a project that will exceed the scope of the Apollo Program of the 1960's.

On September 16, NASA issued a Request for Proposal (RFP) to U.S. industry for the definition and preliminary design of a permanently manned Space Station to be operational in low earth orbit in the early 1990's. The RFP is NASA's reaction to President Reagan's State of the Union Address in January calling for the development and construction of a Space Station within a decade.

The Space Station will support scientific and commercial endeavors in space, stimulate new technologies, enhance space-based operational capabilities and maintain the United States' leadership in space. It will be capable of growth both in size and capability, and is intended to operate for several decades, well into the 21st century.

"The station itself will be worth approximately eight billion dollars when completed," explained William O'Donnell, NASA spokesman at Washington, D.C. "We've sent out several hundred proposals to the entire aerospace industry and we expect feedback by mid-November."

In an over-the-phone interview, O'Donnell explained that there will be no single prime contract for the program because of the long lifetime of the Space Station and the requirements for evolutionary growth and international participation. This means that virtually every aerospace corporation will have some small part in the program. It also means that these corporations will bid big bucks for their respective projects...and this translates into thousands of jobs for future Embry-Riddle graduates:

Aeronautical Engineers - Before anything is built, numerous calculations, feasibility studies, and graphic designs must be done first. Corporations such as Lockheed, McDonnell Douglas and Boeing have already realized that Embry-Riddle engineers are among the best, and you can bet that many of these students will have the opportunity to be a part of the Space Station project.

Management Students - Someone has to manage the overall operation of the engineers and technicians in a project of this size.

Computer Programmers - Nowadays, space technology and computers go hand in hand. Massive computer systems will be needed to handle the massive amount of data needed for the construction and operation of a space station. E-RAU computer graduates will be there.

Aerospace Science - Even though the market for these students will not be quite as large as the scientific community, Space Shuttle pilots will be needed to operate the numerous flights to and from the Space Station for its construction and operation. Some military jet time and a little of the "right stuff" can open up the door for many space bus drivers.

Aviation Maintenance Technicians - These students will be ultimately responsible for the actual construction and maintenance of the Space Station. Let's face it, you're not going to need a Ph.D. to weld, rivet and wire a space station together. A new breed of astronauts will manifest itself in the new field of space construction.

The implications of this space station business are great...billions of dollars for a massive project that will require the minds of young college graduates. So, for those of you who have dreamed about contributing to the conquest of space, wake up from your dream and smell the coffee...the future holds limitless opportunities for the ambitious student.

Soviet update

By Tim Van Milligan

[Editor's Note: The following is an article which updates last week's story entitled "Soviets set new space records." This information has been compiled from recent news releases from the Soviet Embassy in Washington, D.C.]

The three Soviet cosmonauts who set a new space endurance record of 234 days have made plans to return to earth just seconds. As of this writing, it is unknown if they had or not.

On September 7, Soviet cosmonauts Leonid Kizim, Vladimir Solov'yev, and Oleg Atkov exceeded the previous space endurance record of 211 days set by cosmonauts Anatoli Berezovoy and Valentin Lebedev. According to the Novosti Press Agency, the official Soviet press agency, Leonid Kizim and Vladimir Solov'yev made six space walks, for a total of 24 hours out in space.

One of the experiments carried out in space in July was a testing of a new electron-beam gun capable of applying metallic and polymeric coatings to various underlying materials. The principle behind the electron beam gun involves "shooting a beam of electrons at a refractory crucible; it evaporates the metal while the vapor settle down upon the surface which is to be treated, and

Another biological experiment is the splitting of DNA. On the ground this is complicated by the gravity-caused thermal convection currents, which mixes up the solution.

A medical experiment dealing with space adaptation and YOGA (a Hindu philosophy which is practiced to gain control over the forces of one's own being), was also tested by Indian cosmonaut Rakesh Sharma. The results of this experiment are not yet known.

**Next week in
Space Technology:**

- Post-launch Challenger report
- Space Station update
- Lifting Body feature

**Phoenix**

(Continued from page 1)
Studies, are being taken in the Common Purpose Room for the next three days. There will be no makeup picture days this year.

The 1985 theme has been developed and the direction which the book will take has been chosen. The Phoenix will strive for a high tech look this year.

The Phoenix organization recently purchased an IBM Personal Computer from Taylor Publishing. It came with complete software to make the actual page layout much quicker and easier to produce.

The staff of the Phoenix Yearbook is very excited about their upcoming projects and they invite any interested student to join them. Their meetings will be Tuesdays at 6:00 p.m. in the Avion/Phoenix Office.

UNCLE WALDO'S**SAOON • BILLARDS
"DAYTONA'S FINEST BILLARD LOUNGE"**

BEER • WINE • PIZZA
Regulation Tables-Snooker-Coin Tables
Electronic Games-Foosball

35 Cent Drafts,
35 Cent Hot Dogs
11 a.m.-7 p.m.; Mon.-Fri.

FREE POOL

One hour with this ad and E-RAU ID.
from 11AM to 7PM

Offer expires December 31 1984

½ price pool for 2 couples on same table

OPEN 7 DAYS 11AM TO 3AM

122 Volusia Avenue 262-3699

SE HABLA ESPANOL

LENZ
FOREIGN SPECIALISTS
AUTO ELECTRIC

SERVICE WHILE YOU WAIT
1/2 HOUR OR LESS (UNDER NORMAL CONDITIONS)

★ 10 PERCENT DISCOUNT
WITH STUDENT I.D. ★

STARTERS & ALTERNATORS FOR ALL
FOREIGN & DOMESTIC UNITS — IN STOCK 1940-84

255-3111

LENZ AUTO ELECTRIC

524 South 2nd Street • Daytona Beach, FL 32114

Vandenberg spaceport nears completion

By Rob Dixon
Avion Staff Reporter

Vandenberg Air Force Station, located 150 miles south of Los Angeles, is the site of this country's newest spaceport. Begun in 1979, the Shuttle Launch Complex-6 was to begin processing shuttle flights by mid-1984. The original timetable called for six flights in 1984 and up to twenty flights by 1985.

Modifications are being made to SLC-6, pronounced Slick Six, on the south end of the airfield. Slick Six was originally built in 1960 as the headquarters for the Airforce Manned Orbiting Laboratory. The project was cancelled in 1969 due to lack of funding.

Modification of the Launch Center included extending the existing 8,000 foot runway to 15,000 feet. The construction of three movable buildings: the payload change-out room; mobile service tower; and the Shuttle Assembly Building; are other modifications.

The runway, located sixteen miles from the launch tower, necessitated that existing roads be modified. The connecting roads run between hills; therefore, the hills had to be excavated beside the roads in order to accommodate the shuttle's 77-foot wing span.

Dick Kline, spokesman for the prime contractor Martin Marietta, stated that "Everything is still on schedule and we are still anticipating an October 1985 launch." When asked about the NBC broadcast stating that there were electrical and pumping problems, Mr. Kline said; "we were aware of the problems and the Air Force has publicized a detailed report of the facts." He further stated that the

Air Force and NASA were working together and analyzing the problems together.

Completion of the complex has been delayed by many reasons; foremost is the unscheduled addition of the Shuttle Assembly Building to protect the

shuttle from the elements. According to Tech. Sgt. Linda Precopio of the Vandenberg Public Relations Office, the construction of the runway is completed and the Launch Complex is 99 percent complete.

The first scheduled launch is October 1985. This

launch will feature the Space Shuttle Discovery. The mission will be a Department of Defense operation. Landings for the first few missions will be at Edwards Air Force Base. The returned shuttles will then be taken to Kennedy Space Center for refurbishing, and flown back to Vandenberg for launch. The complete shuttle turnaround will take place in Vandenberg by 1987.

Mission control will still take place in Houston at Johnson Space Center until the DOD Consolidated Space Operations Center (CSOC) can take over to command DOD missions.

The existing shuttles, including the Path Finder Vehicle Enterprise, will be modified to conform to the Vandenberg Launch Facilities.

"The symbiotic relationship between NASA and the Defense Department is still in effect," stated Sgt. Precopio. "NASA employees are supervising the construction of the Launch Facility and training control personnel." The Vandenberg Launch Facility was chosen because its geographic position was best able to send vehicles into high inclination polar orbits.

"The Vandenberg facility will launch anything and everything that needs to be put in polar orbits including any commercial, scientific, and Department of Defense payloads. NASA will control the first few launches out of Vandenberg."

Sgt. Precopio stated that "Many operations such as the Shuttle Assembly Building have been completed ahead of schedule and under budget."

Due to the nature of the missions that Vandenberg will carry out, many facts concerning the launch facility and future military shuttle payloads will remain classified.



This artist's conception of Vandenberg Air Force Base in California shows the three movable structures surrounding the launch pad. The payload change-out room, service tower and the Shuttle Assembly Building are

being modified to roll on tracks. The spaceport is expected to be operational by October of next year. The Space Shuttle Discovery will be the first orbiter launched at this facility.

Transpace Carriers to take over Delta launches

By Patrick McCarthy
Avion Staff Reporter

"We aim to become the premier producer of commercial launch services," says Dennis Ahearn, General Counsel of Transpace Carriers, Inc. (TCI), Greenbelt, MD.

TCI is taking over the marketing, operations and launch facilities of the McDonnell Douglas Delta launch vehicle.

"We see the number of 'shuttle-complimentary' missions as increasing far more rapidly than anticipated," says Ahearn. According to Ahearn, the shuttle is well suited for certain larger payloads, but it also necessitates long lead times and extra preparations not required of an expendable launcher.

For those customers that want to orbit payloads faster and perhaps cheaper than aboard a shuttle, Delta offers an "unnatched degree of reliability" and "on-time capability," explains Ahearn. Delta has a reliability record of 94 percent success since the inception of the program in 1960, and a 100 percent success rate since 1977 (42 of 42 launches).

Delta also offers "one of the widest payload ranges of any launch vehicle," says Ahearn. By mixing various combinations of upper-stages, Delta can accommodate payloads from 1,800 to 3,100 lbs. to a geosynchronous transfer orbit. 4,500 lbs. can be lofted to polar orbit. "By tailoring the booster to the payload," explains Ahearn, "the user won't have to pay for excess capability. These are the kinds of figures that really help sell the Delta to prospective customers."

Transpace has some "very promising prospects" with several customers and expects their first launch in early 1986.

Ahearn says one of the other big selling points Transpace counts on is the "tremendous institutional background" of its employees. Many of its workers are transferring from the long-standing NASA/contractor team which has produced Delta vehicles for the past 24 years. "We're trying to make the transition invisible from the users viewpoint," says Ahearn, explaining the ongoing process whereby Delta integration and launch services transfer from a NASA team to a Transpace group.

By late 1985, Transpace will be the sole supplier of Delta launch services from Vandenberg AFB, California as well as Cape Canaveral. Right now, the Delta

production line is in a "rolling shutdown," says Ahearn, but plans are to restart the complete line next month. Transpace has the right to three vehicles and is expected to purchase parts for seven more from NASA. In the future, Transpace will procure its own Delta's from McDonnell Douglas.

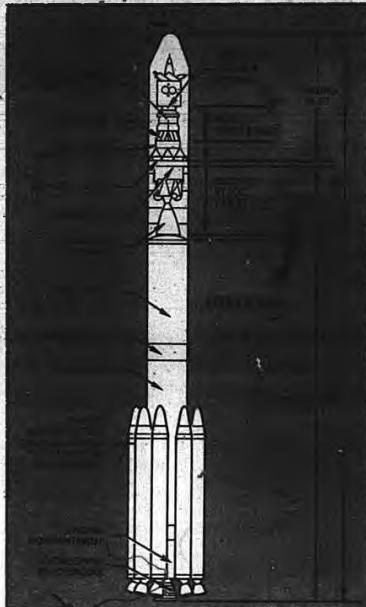
Competition for the satellite-booster market is becoming more intense, with several new companies offering a variety of launch services.

"Our chief competition is, without a doubt, (Europe's) ArianeSpace," says Ahearn. Transpace has formally petitioned the U.S. Trade Representative (USTR) (under Sec. 301 of the 1974 Trade Act) to prevent ArianeSpace from practicing what Ahearn calls "a two-tier subsidy pricing system."

Transpace charges ArianeSpace with offering one price for European customers and a lower, subsidized price to U.S. clients.

Transpace is asking for a "more realistic pricing policy" by ArianeSpace with "free, fair competition for all," says Ahearn.

It may be some time before the issue is settled, since the USTR decision is not expected until the summer of 1985. Meanwhile, Transpace Carriers will continue its aggressive marketing program in an attempt to become the "premier producer of commercial launch services."



Boasting a 94 percent success rate since 1960, this Delta rocket can launch up to 3,100 lbs. to geosynchronous orbit.

"Tickle someone's fancy."

Merlin Olsen



The Tickler® Bouquet
from your FTD® Florist \$12.50 local

Bellevue Florist
1300 Bellevue Avenue
Daytona Beach, Fl.
904-255-7447

Spend your thoughts with special care.™

© Registered trademark of Flowers Telegraph Delivery Association.

BUCK'S GUN RACK

607 Volusia Avenue
next door to the Volusia Diner



Stop by for your FREE copy of Florida's gun laws

252-8471

**WE WELCOME
EMBRY-RIDDLE STUDENTS**

**10 percent discount to E-RAU
students on ammo & accessories**

**ONE OF FLORIDA'S LARGEST GUN DEALERS
MAJOR BRANDS OF FIREARMS & KNIVES**

- | | |
|------------------|--------------|
| ★ Smith & Wesson | ★ Winchester |
| ★ Colt | ★ Remington |
| ★ Browning | ★ Ruger |
| ★ Weatherby | ★ Barret |

FREE T Shirt with every pistol or rifle purchase

**Camo Clothing Professional Flashlights
T Shirts**

Survival Specialties Reloading Equipment

Hours 10 - 5:30 Mon - Sat



An Assault On The Senses

"Now Even More Awesome Than Ever Before"

**THURSDAY
EVERYBODY DRINKS FREE**
Call Brands Included!
Until Midnight
2 for 1 12 till 3am
Doors Open at 9pm

One of the Largest
Dance Floors
on the beach

State of the Art
Sound System



Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Embry-Riddle Night Free Admittance 2 for 1 Drinks 2 for 1 Heineken Football in Game Room	WORLD FAMOUS \$100.00 Banana-Eating Contest 2 for 1 Drinks ALL NIGHT	Ladies Drink Free until Midnight Guys Drink 2 for 1 ALL NIGHT	EVERYBODY Drinks Free UNTIL MIDNIGHT (Call Brands incl.)	WEEKEND PARTY 2 for 1 ALL NIGHT	Ladies Drink Free until Midnight Guys 2 for 1	EVERYBODY FREE until Midnight (Call Brands incl.) 2 for 1 from 12 till 3

Imagine being surrounded by Video Screens featuring ALL Your Favorite Artists
Billy Idol, VanHalen, Madonna, Cindy Lauper, Bruce Springsteen

Show Riddle ID for Nightly Discount

Become a 600 NORTH VIP Member

VIP MEMBER	Clip This Coupon And Get A VIP ID Card Complete With Your Picture For HALF Price
	VIP Card Good For FREE Admit For You And 1 Guest (any night except free drink night)
VOID	Coupon Expires 12/1/84
CARDHOLDER'S NAME	NUMBER

Clip This Coupon
And Get A VIP ID Card
Complete With Your Picture
For HALF Price

VIP Card Good For FREE
Admit For You And 1 Guest
(any night except free drink
night)

Coupon Expires 12/1/84

600 NORTH
600 North Atlantic Avenue
Daytona Beach
Corner of A1A and Seabreeze
Next to the Plaza Hotel



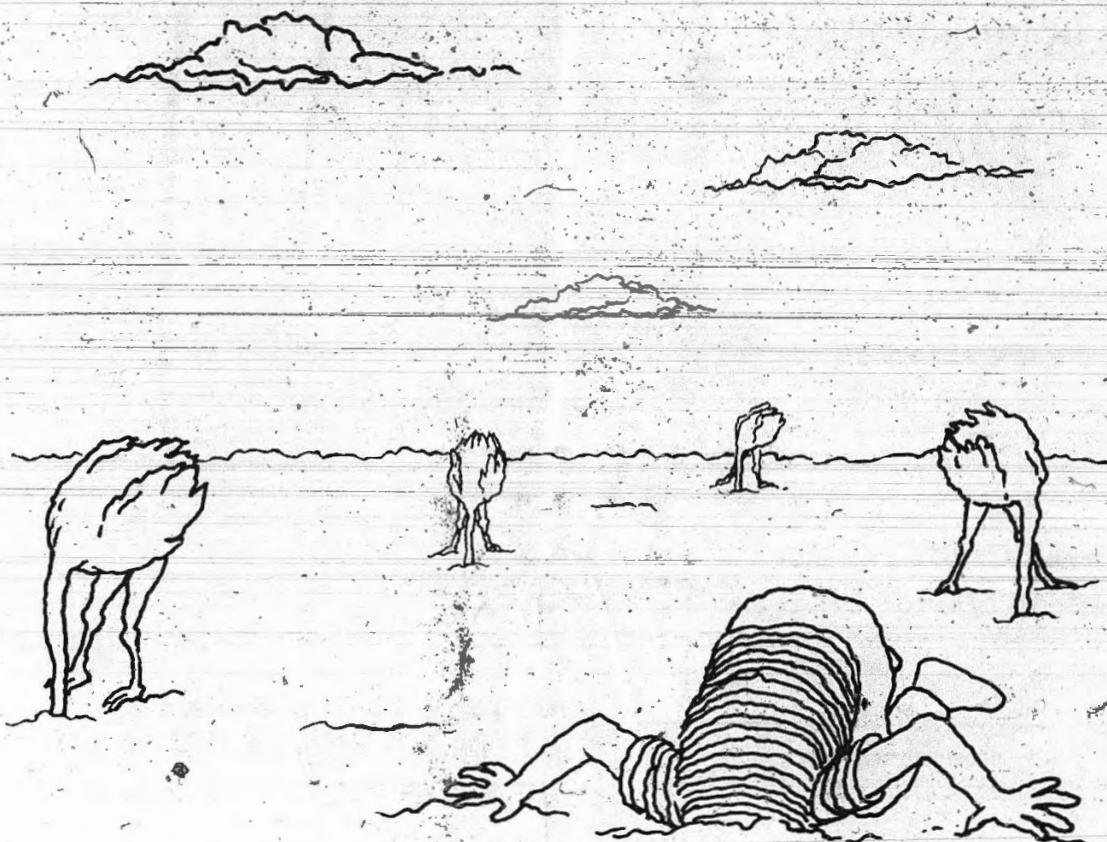
Featuring a Spectacular light show
and State of the Art sound system
Not One but TWO Dance Floors
Always filled with non-stop moving people

Wednesday Night
THE DATING GAME
(as seen on TV)
prizes include Dinner for 2
At the HAWAIIAN INN & \$50 CASH
2 for 1 Drinks All Night
Free admission with this coupon
(expires 10/17/84)

600 North Atlantic Avenue, Daytona Beach

JOIN THE PARTY TONIGHT AT THE PLANTATION CLUB

Heads up.



Register and Vote.

National Student Campaign for Voter Registration

A project of the

Florida Public Interest Research Group (FPIRG)

in cooperation with
FSA, FISA, FJCSGA, FL BSA

**Campus Voter Registration
in the
University Center 10 until 2**

