

10-15-1986

Avion 1986-10-15

Embry-Riddle Aeronautical University

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

Scholarly Commons Citation

Embry-Riddle Aeronautical University, "Avion 1986-10-15" (1986). *Avion*. 572.
<https://commons.erau.edu/avion/572>

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.



AVION

An Award-Winning Collegiate Newspaper

Volume 54, Issue 6

Embry-Riddle Aeronautical University, Daytona Beach, Florida

October 15, 1986

Parking woes prompt probe

By Mark Stern-Montagny

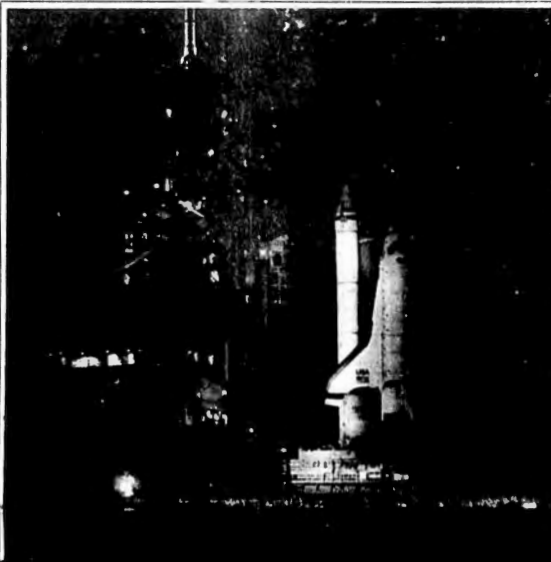
Campus construction due to modernization has left students confused, irritable and incensed. Questions among the students include, "Where are we going to park?"; "What will be the final traffic routing?"; "How will I get to one side of the campus from the other?"

With the grand finale of asphalt paving coming in it's conclusion, these questions and many others remain. The administration believes that the campus improvements will improve student safety, welfare and convenience by providing a "walking campus."

According to university sources, more students registered their vehicles this fall than officials had expected. Some 396 additional vehicles were registered — 103 more than the 14 percent surplus (293 new and additional) derived from statistical data. This data, taken listed on a memo from university administrator Chuck Fountain dated September 29, was a compilation of information from previous fall trimesters. The absence of 103 parking spaces is prevalent only between the peak hours of 10 and 11 a.m. on Monday, Wednesday, and Friday, as stated by school officials.

Mr. Bob Walters, Chief of Riddle Security, noted that 2587 vehicle spaces were available before the initial construction began. Currently, school patrons and staff have access to 2,055 vehicle parking spaces (non-motorcycle) which are divided as follows: students — 1,630; faculty and staff — 313; Service support — 10; Visitors — 10; Handicapped — 50; 10 minute parking in the rear of the U.C. 38; 10 minute service park — 4, plus a total of 254 combined motorcycle spaces. This resulted in a net reduction of 532 parking space.

Freshmen enrollment in Fall 1985 was 2193 students, compared to 2230 for this trimester. In other words, 137 more freshmen students entered the university system this year than last. Similarly, total enrollment increased by 91 students over this time last year. While the administration



IBM gives credit to students

By Allen W Berg

Students will have the opportunity beginning Thursday to purchase IBM personal computers and accessories at discount rates. Offering 30 percent off the normal list price, the educational package will be available through various means of financing.

The first day of the discount period, dubbed "P.C. Fair," will feature many types of IBM equipment for display, including the P.C. and the IBM AT. Also, representatives from IBM will be on location to assist individuals as they visit the event.

Throughout the day, workers will give away free shirts and concessions.

According to Mr. Jim Thorne, Academic Computer Coordinator, the special purchase package available to ERAU students includes an IBM P.C. with two disk drives, 256K memory, and the monochrome monitor. Open to full-time students of the university, the package will cost a total of \$1020 plus an additional \$60-\$80 for the DOS software (required in the package). Those interested to note a standard list price for the package \$2875.

rates. Offering 30 percent off the normal list price, the educational package will be available through various means of financing.

The first day of the discount period, dubbed "P.C. Fair," will feature many types of IBM equipment for display, including the P.C. and the IBM AT. Also, representatives from IBM will be on location to assist individuals as they visit the event.

Throughout the day, workers will give away free shirts and concessions.

According to Mr. Jim Thorne, Academic Computer Coordinator, the special purchase package available to ERAU students includes an IBM P.C. with two disk drives, 256K memory, and the monochrome monitor. Open to full-time students of the university, the equipment will cost a total of \$1020 plus an additional \$60-\$80 for the DOS software (required in the package). Those interested to note a standard list price for the package \$2875.

At that rate, the package deal marks a 65 percent discount for interested individuals.

Buyers for the system have several options for financing the purchase. Traditional credit cards such as Visa and MasterCard will be accepted. Also, the IBM Student Credit Card corporation, a subdivision of General Electric, is working with IBM to issue an IBM credit card to assist in the purchase. The cards, while they can be used for the initial system purchase, can also be used at various retail outlets to buy other equipment.

As stated by Thorne, the cost per month for the IBM system will be spread out over 36 installments, leaving individual monthly payments at approximately \$50.

The faculty had the opportunity to sample this offer earlier in

viding a "walking campus."

According to university sources, more students registered their vehicles this fall than officials had expected. Some 396 additional vehicles were registered — 103 more than the 14 percent surplus (293 new and additional) derived from statistical data. This data, taken listed on a memo from university administrator Chuck Fountain dated September 29, was a compilation of information from previous fall trimesters. The absence of 103 parking spaces is prevalent only between the peak hours of 10 and 11 a.m. on Monday, Wednesday, and Friday, as stated by school officials.

Mr. Bob Walters, Chief of Riddle Security, noted that 2587 vehicle spaces were available before the initial construction began. Currently, school patrons and staff have access to 2,055 vehicle parking spaces (non-motorcycle) which are divided as follows: students — 1,630; faculty and staff — 313; Service support — 10; Visitors — 10; Handicapped — 50; 10 minute parking in the rear of the U.C. — 38; 10 minute service park — 4, plus a total of 254 combined motorcycle spaces. This resulted in a net reduction of 532 parking space.

Freshmen enrollment in Fall 1985 was 2193 students, compared to 2230 for this trimester. In other words, 137 more freshmen students entered the university system this year than last. Similarly, total enrollment increased by 91 students over this time last year. While the administration quotes a 14 percent parking facility increase, they acknowledge that were not expecting the amount of new freshmen with cars. At this time the campus is able to accommodate 97 percent of the registered vehicles.

Also of major concern to the students are the numerous speed bumps on campus roads. According to the Administration, the speed bumps are necessary for pedestrian training and installation of the new radar

See PARKING, page 6

Testing, testing...

Space Shuttle Atlantis reached launch pad 39B just before dawn last Thursday. This marked the beginning of a seven week test program for the

spacecraft, launch pad, and personnel. Included is a simulated a launch countdown and a rehearsal of emergency procedures at Complex 39.

Associated Press Photo

Better pilot training to combat wind shear

By Paul Raeburn
Associated Press

NEW YORK — Pilots can be taught to recognize, avoid and possibly even escape from the deadly downdrafts that produce wind shear, the leading cause of airline crashes in the United States, a researcher said Wednesday.

In addition, an experimental new radar system has now been shown to give up to four minutes' warning of wind shears, said John McCarthy, who directs wind-shear avoidance research at the National Center for Atmospheric Research in Boulder, Colo.

The combination of improved pilot training and installation of the new radar

systems and other instruments could reduce the frequency of airline crashes to no more than one every 20 or 30 years, McCarthy said. He spoke at a press briefing sponsored by the Institute of Electrical and Electronic Engineers.

The National Transportation Safety Board has ranked wind shear — a sudden shift in wind speed or direction, often accompanied by rain and thunderstorms — as the leading cause of death of airline passengers in the United States, McCarthy said.

The agency has said wind shear was responsible for 17 aircraft accidents in the past 15 years. Among them are the crash of a Delta flight on August 2, 1985 near Dallas that claimed 133 lives, and the crash of a Pan American flight in New Orleans

on July 9, 1982, in which 154 people died.

McCarthy said that while plans are under way to install ground-based and cockpit-based wind-shear detection equipment, the quickest way to reduce the number of wind-shear accidents is through improved pilot training.

"We've got two to five years before a sophisticated ground-based system is in effect, and that's why pilot training is so important," he said.

McCarthy said that improved pilot training should begin with emphasis on avoiding weather that could harbor wind shear.

Pilots are traditionally warned to "stay out of thunderstorms, which are notorious breeding grounds for wind shear," but McCarthy says pilots are not always following

this admonition.

"I don't think they're staying out of thunderstorms, and I don't like it," said McCarthy, who is a pilot himself.

The decision to fly into a thunderstorm at the Dallas report was cited by the National Transportation Safety Board as the most important of several contributing causes of the Dallas crash, McCarthy said.

One of the most important causes of wind shear is the so-called microburst, a downdraft that can appear, grow and disappear in 10 minutes, but which can result in wind-speed shifts of 50 miles an hour or more within seconds. "It isn't very fast, but it's enough to cause an airplane to crash," McCarthy said.

See WIND, page 7

See IBM, page 7



Pan Am flight 073 passenger describes Karachi Hijacking

By Clarence Maloney
Special to the Avion

Editor's note: This article was given to the Avion by Rami Maloney, ERAU student, whose father Clarence Maloney was on board Pan Am flight 073 the day of the incident.
This will be the first part in a series of three.

flight were Indians, from Bombay. I was put in clipper class, which had a few empty seats, but otherwise the airplane was about full. My seat was by the left window, one row behind the clipper class door.

We had been in Karachi for nearly an hour, and it was near 6 a.m. local time when the event began. One bus load of passengers embarking at Karachi had already boarded. Before the second bus load of

more freshmen students entered the university system this year than last. Similarly, total enrollment increased by 91 students over this time last year. While the administration quotes a 14 percent parking facility increase, they acknowledge that were not expecting the amount of new freshmen with cars. At this time the campus is able to accommodate 97 percent of the registered vehicles.

Also of major concern to the students are the numerous speed bumps on campus roads. According to the Administration, the speed bumps are necessary for pedestrian

See PARKING, page 6

Testing, testing...

Space Shuttle *Atlantis* reached launch pad 39B just before dawn last Thursday. This marked the beginning of a seven week test program for the

spacecraft, launch pad, and personnel. Included is a simulated a launch countdown and a rehearsal of emergency procedures at Complex 39.

Avion photo by Pete Martin

Better pilot training to combat wind shear

By Paul Raeburn
Associated Press

NEW YORK — Pilots can be taught to recognize, avoid and possibly even escape from the deadly downdrafts that produce wind shear, the leading cause of airline crashes in the United States, a researcher said Wednesday.

In addition, an experimental new radar system has now been shown to give up to four minutes' warning of wind shears, said John McCarthy, who directs wind-shear avoidance research at the National Center for Atmospheric Research in Boulder, Colo.

The combination of improved pilot training and installation of the new radar

systems and other instruments could reduce the frequency of airline crashes to no more than one every 20 or 30 years, McCarthy said. He spoke at a press briefing sponsored by the Institute of Electrical and Electronic Engineers.

The National Transportation Safety Board has ranked wind shear — a sudden shift in wind speed or direction, often accompanied by rain and thunderstorms — as the leading cause of death of airline passengers in the United States, McCarthy said.

The agency has said wind shear was responsible for 17 aircraft accidents in the past 15 years. Among them are the crash of a Delta flight on August 2, 1985 near Dallas that claimed 133 lives, and the crash of a Pan American flight in New Orleans

on July 9, 1982, in which 154 people died.

McCarthy said that while plans are under way to install ground-based and cockpit-based wind-shear detection equipment, the quickest way to reduce the number of wind-shear accidents is through improved pilot training.

"We've got two to five years before a sophisticated ground-based system is in effect, and that's why pilot training is so important," he said.

McCarthy said that improved pilot training should begin with emphasis on avoiding weather that could harbor wind shear.

Pilots are traditionally warned to stay out of thunderstorms, which are notorious breeding grounds for wind shear, but McCarthy says pilots are not always following

that admonition.

"I don't think they're staying out of thunderstorms, and I don't like it," said McCarthy, who is a pilot himself.

The decision to fly into a thunderstorm at the Dallas report was cited by the National Transportation Safety Board as the most important of several contributing causes of the Dallas crash, McCarthy said.

One of the most important causes of wind shear is the so-called microburst, a downdraft that can appear, grow and disappear in 10 minutes, but which can result in wind-speed shifts of 50 miles an hour or more within seconds. "It isn't very fast, but it's enough to cause an airplane to crash," McCarthy said.

See WIND, page 7

memory, into the microburst monitor. Open to full-time students of the university, the equipment will cost a total of \$1020 plus an additional \$60-\$85 for the DOS software (required in the package). Thorne went on to note a standard list price for the package \$2875.

At that rate, the package deal marks a 65 percent discount for interested individuals.

Buyers for the system have several options for financing the purchase. Traditional credit cards such as Visa and MasterCard will be accepted. Also, the IBM Student Credit Card corporation, a subdivision of General Electric, is working with IBM to issue an IBM credit card to assist in the purchase. The cards, while they can be used for the initial system purchase, can also be used at various retail outlets to buy other equipment. As stated by Thorne, the cost per month for the IBM system will be spread out over 36 installments, leaving individual monthly payments at approximately \$30.

The faculty had the opportunity to sample this offer earlier in

See IBM, page 7



Avion photo by Allan Borg

A Daytona Beach Police helicopter destroyed itself last Thursday when its blades became unbalanced. The Hughes 289-A was on the ground at Daytona Beach Regional Airport when the accident occurred. The pilot suffered bruises and was taken to Halifax Hospital.

Pan Am flight 073 passenger describes Karachi Hijacking

By Clarence Maloney
Special to the Avion

Editor's note: This article was given to the Avion by Rani Maloney, ERAU student, whose father Clarence Maloney was on board Pan Am flight 073 at the time of the incident.

This will be the first part in a series of three.

Four Hijackers Enter

We boarded Pan Am Flight 073 in Bombay on Sept. 3, 1986, as scheduled, and proceeded to Karachi, reaching there about 5 a.m. local time. I was returning to Germany, to my wife and two small children there, after being in India six weeks for the Universities Field Staff International. This flight stopped in Karachi on the way to Frankfurt and New York. In early Sept. the airlines leaving India for Europe and America are full because all the families visiting India for the summer return for school and university; most of the passengers are of Indian origin. All the 8 stewardesses on our return

flight were Indians, from Bombay. I was put in clipper class, which had a few empty seats, but otherwise the airplane was about full. My seat was by the left window, one row behind the clipper class door.

We had been in Karachi for nearly an hour, and it was near 6 a.m. local time when the events began. One bus load of passengers embarking at Karachi had already boarded. Before the second bus load of Karachi passengers could start up the steps, the hijackers jumped out of a car at the bottom of the steps and ran up. I was in the toilet at the moment, but when I heard shouting and someone ordering "Close the door, close the door." I came out and looked around the corner. There was a man holding a machine gun and ordering the driver of the steps to move away and the hostess to close the door. I never thought I would see a machine gun being wielded on an airplane! So I debated whether to return into toilet again or go to my seat. I decided I better slip into my seat, as if this were a hijacking

See KARACHI, page 10

Esprit de Corps really that low?

Two weeks ago, a local newspaper ran stories in its social section, concerning the four major universities in Volusia County: Embry-Riddle Aeronautical University (ERAU), Stetson University, Daytona Beach Community College (DBCC), and Bethune-Cookman College (BCC).

One of those articles talked about Student life and involvement. The article mentioned several ways in which students at Stetson, DBCC, and BCC were involved with their respective universities. But when it came to Embry-Riddle, the article said that with the exception of some activities organized by the Fraternities and the Sorority on campus, there was not much of a college life at ERAU.

The article stated that this happened because the only reason students come to ERAU is to get a good education in aviation and technology.

Can this be true? Does the city of Daytona really think that we are just that — a boring university without a campus life? Are we really that?

Unfortunately, maybe we are.

Life at ERAU is very much different to that at other universities around the country. This is because we are a different kind of university. We are only an "aviation school," and that is all that we are.

Although we do not actually believe that, most have used this term when describing our school to someone from another university. But should we stop at that? Many people do not realize it, but there are many things to do here at ERAU. The school has nearly one hundred active clubs and organizations on campus, a wide variety of intramural sports, and a very active Student Government Association, which acts together, among other things, movies, pool parties, and concerts. More than six percent of the students are a part of the Fraternities and Sorority, and an even higher percentage of students is involved with the rest of the clubs, organizations, and activities on campus.

Every day, people can be heard complaining about the "few" services and activities offered by the university, but rarely do these people try to do something to get involved. Maybe being labeled as underachievers by our community should be taken as a warning signal that we are becoming a liability around town.

Some may try to hide the fact that they belong to ERAU because they realize that the community might be right, and they don't want to be associated with failure. Often you will find that these people are not involved heavily with the university or any of its activities. Indeed, how can you feel pride for something you do not care much about?

In reality, ERAU does not have to be considered a boring university by the community-at-large nor by its students population. Maybe we have been neglecting our civic duties. Have we been actively showing the Daytona Beach area that we do have something valuable to offer, and if not, what can we do? These are questions we should be asking ourselves.



"YEAH, I KNOW HE'S SUPPOSED TO BE ALL STRAIGHTENED OUT, BUT I BET HE'S BACK TERRORIZING THE NEIGHBORHOOD BY APRIL..."

Letters to the Editor

Drawing Lots

To the Editor:

I have been at ERAU more than two years and this is the first time I have been forced to complain. I have heard of an increase in the student body and watched all the new construction. I wondered the impact. The results are in and I'm not pleased, in fact, I am irate.

I just received an anonymous but official Embry-Riddle notice stating a shortage of 103 parking spaces. There are no plans for more parking areas, but I know there are plans for more parking

they accurately reflect the needs of the students? I feel not. I'm not quite over the thrill of a 14 percent surplus in parking spaces required for Fall '85 — now that it is almost 1987, I'm hoping for better than walking miles in the rain to get to school — it sounds like something my grandfather did.

I am further troubled by the obviously flawed planning. Has anybody yet thought of the impact of many new people driving on campus due to the Admin. Building? Administrators, guests, employees, etc., will be now parking, but rest assured they will get, at our loss, adequate, reserved spaces. The traffic circle and park behind the library will look great, but do

parking situation. Evidently the university thinks that looks are more important than practically. I believe that the university's number one priority is the recruitment of new victims — I mean students. The university's number one priority should be its existing students. Future tours of the campus will probably look something like this: the prospective student will be paraded around the picture perfect campus in a blue Rolls Royce with a big Embry-Riddle sticker on each door. Unknowingly to the student should he enroll in this university, he would not have a place to park his car

Space "A"

To the Editor:

I've had problems with Riddle now for about 2 years. The problems range from financial aid screw-ups to over priced books in the Bookstore. I didn't complain because I thought this could happen at other universities. I've been quiet in the past but now I must speak my piece about the

parking situation. Evidently the university thinks that looks are more important than practically. I believe that the university's number one priority is the recruitment of new victims — I mean students. The university's number one priority should be its existing students. Future tours of the campus will probably look something like this: the prospective student will be paraded around the picture perfect campus in a blue Rolls Royce with a big Embry-Riddle sticker on each door. Unknowingly to the student should he enroll in this university, he would not have a place to park his car

parking situation. Evidently the university thinks that looks are more important than practically. I believe that the university's number one priority is the recruitment of new victims — I mean students. The university's number one priority should be its existing students. Future tours of the campus will probably look something like this: the prospective student will be paraded around the picture perfect campus in a blue Rolls Royce with a big Embry-Riddle sticker on each door. Unknowingly to the student should he enroll in this university, he would not have a place to park his car



"YEAH, I KNOW HE'S SUPPOSED TO BE ALL STRAIGHTENED OUT, BUT I BET HE'S BACK TERRORIZING THE NEIGHBORHOOD BY APRIL..."

Letters to the Editor

Drawing Lots

To the Editor:

I have been at ERAU more than two years and this is the first time I have been forced to complain. I have heard of an increase in the student body and watched all the new construction. I wondered the impact. The results are in and I'm not pleased, in fact, I am irate.

I just received an anonymous but official Embry-Riddle notice stating a shortage of 103 parking spaces. There are no plans for more parking areas, but I know there are plans for more parking

they accurately reflect the needs of the students? I feel not. I'm not quite over the thrill of a 14 percent surplus in parking spaces required for Fall '85 — now that it is almost 1987, I'm hoping for better than walking miles in the rain to get to school — it sounds like something my grandfather did.

I am further troubled by the obviously flawed planning. Has anybody yet thought of the impact of many new people driving on campus due to the Admin. Building? Administrators, guests, employees, etc., will be now parking, but rest assured they will get, at our loss, adequate, reserved spaces. The traffic circle and park behind the library will look great, but do

parking situation. Evidently the university thinks that looks are more important than practically. I believe that the university's number one priority is the recruitment of new victims — I mean students. The university's number one priority should be its existing students. Future tours of the campus will probably look something like this: the prospective student will be paraded around the picture perfect campus in a blue Rolls Royce with a big Embry-Riddle sticker on each door. Unknowingly to the student should he enroll in this university, he would not have a place to park his car

Space "A"

To the Editor:

I've had problems with Riddle now for about 2 years. The problems range from financial aid screw-ups to over priced books in the Bookstore. I didn't complain because I thought this could happen at other universities. I've been quiet in the past but now I must speak my piece about the

parking situation. Evidently the university thinks that looks are more important than practically. I believe that the university's number one priority is the recruitment of new victims — I mean students. The university's number one priority should be its existing students. Future tours of the campus will probably look something like this: the prospective student will be paraded around the picture perfect campus in a blue Rolls Royce with a big Embry-Riddle sticker on each door. Unknowingly to the student should he enroll in this university, he would not have a place to park his car

parking situation. Evidently the university thinks that looks are more important than practically. I believe that the university's number one priority is the recruitment of new victims — I mean students. The university's number one priority should be its existing students. Future tours of the campus will probably look something like this: the prospective student will be paraded around the picture perfect campus in a blue Rolls Royce with a big Embry-Riddle sticker on each door. Unknowingly to the student should he enroll in this university, he would not have a place to park his car

students come to ERAU is to get a good education in aviation and technology.

Can this be true? Does the city of Daytona really think that we are just that — a boring university without a campus life? Are we really that?

Unfortunately, maybe we are.

Life at ERAU is very much different to that at other universities around the country. This is because we are a different kind of university. We are only an "aviation school," and that is all that we are.

Although we do not actually believe that, most have used this term when describing our school to someone from another university. But should we stop at that? Many people do not realize it, but there are many things to do here at ERAU. The school has nearly one hundred active clubs and organizations on campus, a wide variety of intramural sports, and a very active Student Government Association, which acts together, among other things, movies, pool parties, and concerts. More than six percent of the students are a part of the Fraternities and Sorority, and an even higher percentage of students is involved with the rest of the clubs, organizations, and activities on campus.

Every day, people can be heard complaining about the "few" services and activities offered by the university, but rarely do these people try to do something to get involved. Maybe being labeled as underachievers by our community should be taken as a warning signal that we are becoming a liability around town.

Some may try to hide the fact that they belong to ERAU because they realize that the community might be right, and they don't want to be associated with failure. Often you will find that these people are not involved heavily with the university or any of its activities. Indeed, how can you feel pride for something you do not care much about?

In reality, ERAU does not have to be considered a boring university by the community-at-large nor by its students population. Maybe we have been neglecting our civic duties. Have we been actively showing the Daytona Beach area that we do have something valuable to offer, and if not, what can we do? These are questions we should be asking ourselves.

Wes Oleszewski

THIS HAS TO BE OUR BEST SCAM EVER.

FIRST WE SCREW-UP THE PARKING LOT SO THERE IS NO WAY THE DEAN'S OFFICE CAN FIT. THEN WE GET THE SECURITY PEOPLE TO ISSUE TICKETS AT TEN DOLLARS A POP!

THE STUDENTS ARE PAYING FOR OUR POOR PLANNING.

AND IF THEY DON'T PAY WE ZAP THEIR ACCOUNTS.

JUST LIKE FLORIDA POWDER AND LIGHT? IT'S INSPIRATIONAL!

MR. FOUNTAIN? MR. FOUNTAIN? WHERE ARE YOU?

GOSH, WHAT HAPPENED?

IT APPEARS THAT EVERY STUDENT WHO HAS ISSUED A TICKET IN THE LAST TWO WEEKS HAS SENT IT TO MY OFFICE AS A PROTEST.

JUST LOOK, EVERY ONE OF THESE HAS PD-A AND MY NAME ON IT. THEY MUST HAVE PUT MY MAIL CODE ON AND DROPPED THEM IN THE ON CAMPUS MAIL SLOT!

HEADS UP SIR, AFTERNOON MAIL!

EEEEEE!

AVION

Funded by the Students of Embry-Riddle
1986 The Avion Newspaper

Editor-in-Chief
Mark Stern-Montagny

News Editor
Miguel Vidal

Special Technology Editor
Peter Merlino

Aeronautics Editor
Brian Nicklas

Photography Editor
Rich Clarke

Copy Editor
Paul Novacek

Sports Editor
Allen Berg

Production Manager
Bill Fisher

Business Manager
Richard Calvert

Advertising Manager
John Trombly

System Manager
James Banko

Lab Technician
Rich Gray

Avion Adviser
Dr. Roger Osterholm

This week's staff: Pat BeZort, Tim Haas, Tim Suring, Craig Fricke, Tim Van Milligan, Will Combs, David Rovka, John Getay, and Larry Newguy.

The opinions expressed in this newspaper are those of the majority of the Editorial Board, and do not necessarily represent those of the University.

not care much about?

In reality, ERAU does not have to be considered a boring university by the community-at-large nor by its student population. Maybe we have been neglecting our civic duties. Have we been actively showing the Daytona Beach area that we do have something valuable to offer, and if not, what can we do? These are questions we should be asking ourselves.

...stating a shortage of 103 parking spaces. There are no plans for more parking spaces, but I know there are plans for more students and thus more cars. I don't know whose juvenile and ridiculously short-sighted planning this is caused, but I am concerned.

I pay for the privilege of parking on campus. I have found that

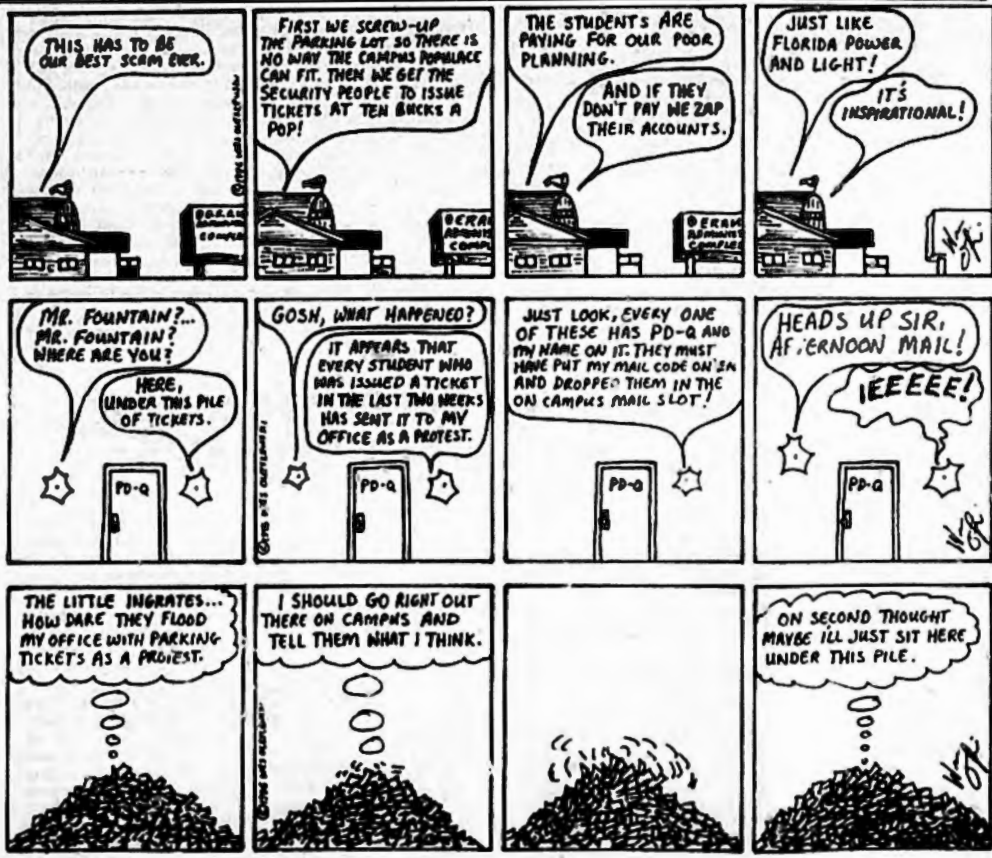
anybody yet thought of the impact of many new people driving on campus due to the Admin. Building? Administrators, guests, employees, etc., will all be no parking, but rest assured they will get, at our loss, adequate, reserved spaces. The traffic circle and park behind the library will look great, but do

I've had problems with Riddle now for about 2 years. The problems range from financial aid screw-ups to over priced books in the Bookstore. I didn't complain because I thought this could happen at other universities. I've been quiet in the past but now I must speak my piece about the

ing) to make the school more enroll in this university, he would not have a place to park his car when it came time to go to class. I don't believe the present parking problem will disappear, it only get worse with the enrollment of more and more students.

See LETTER, page 6

Wes Oleszewski



Funded by the Students of Embry-Riddle
© 1986 the Avion Newspaper

Editor-in-Chief
Mark Stern-Montagny

News Editor
Miguel Vidal
Space Technology Editor
Peter Merlin
Aeronautics Editor
Brian Nicklas
Photography Editor
Rich Clarke
Copy Editor
Paul Novacek
Sports Editor
Allen Berg

Production Manager
Bill Fisher
Business Manager
Richard Calvert
Advertising Manager
John Trombly
System Manager
James Banke
Lab Technician
Rich Grey
Avion Adviser
Dr. Roger Osterholm

This week's staff: Pat Bellport, Tim Haas, Tim Surling, Craig Fricke, Tim Van Milligan, Will Combs, David Rovka, John Getsy, and Larry Newguy

The opinions expressed in this newspaper are those of the majority of the Editorial Board, and do not necessarily represent those of the university, the staff of the Avion, or the members of the student body.

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

The Avion Editorial Board members are: Mark Stern-Montagny, Bill Fisher, James Banke, Richard Calvert, Brian Nicklas, John Getsy, Pete Merlin, Rich Clarke, and Miguel Vidal.

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

The Avion is produced by a volunteer, student journalist staff weekly throughout the academic year and bi-weekly throughout the summer. The Avion is funded through student government fees and advertising revenue.

This newspaper and its contents are protected under the copyright laws of the United States. No portion of this publication can be reproduced by any means without prior written consent of the Avion Newspaper.

Correspondence may be addressed to: The Avion, Embry-Riddle Aeronautical University, Regional Airport, Daytona Beach, Florida 32114. Phone: (904) 252-6561 Ext. 1082.

Student Forum

The Avon asks:
Currently, what is your biggest complaint on campus?



Steve Stokes - "My biggest complaint is that they (University) should be doing the construction during the summer instead of now."



Theresa Rohlf - "Right now I have no complaints with the school."



Tom Woodruff - "My complaint is with the parking. I don't like having to come in thirty minutes before class to find a parking space."



Tonya Pedde - "My biggest complaint is the parking because there is not enough parking spaces."



Tracy Dale - "I have no complaints, I really enjoy it here at ERAU"



Ingrid Cool - "The parking situation on campus, because of the ticketing and the lack of parking spaces."

BLOOM COUNTY

by Berke Breathed

COMIC STRIP 1: QUINCY, THE WITTED SUBJECT... SHE HAS FINALLY ASSIGNED ME A MATE FOR HER ELUCIDATE THE WALKING BASSALOPE.

COMIC STRIP 2: SURPRISE! THEY SPY THE BIRD... AND THEN THEY LEAN UPON THE BIRD... THE CHASE IS ON!

COMIC STRIP 3: RELEASING THEM TOOK THEM... THE TROOP AND POKY... AND THEN THEY LEAN UPON THE BIRD... SPITTING BIRD!

COMIC STRIP 4: FEEL PARTICULARLY COMPELLED TO KEEP UP WITH THIS STORY? NONE. NOPE. NOPE.

COMIC STRIP 5: BASSALOPE!! IN THE FLESH!! IT'S HUGE!! HURRY!

COMIC STRIP 6: SHOOT! GRACK! SHOOT!

COMIC STRIP 7: HOW CAN A PROCTOPOPH... GO TOOTHY?

COMIC STRIP 8: SLEEP LEADING!

COMIC STRIP 9: MILD! THE BASSALOPE!! HE'S NEAR!! I CAN SENSE IT!!

COMIC STRIP 10: DO SOMETHING, MILD. HE'S GOING TO ATTACK! I CAN SENSE IT!

COMIC STRIP 11: ON GOSH... ON GOSH... WHAT SHOULD I DO?

COMIC STRIP 12: I'LL FREEZE IN HOPES THAT HE DOESN'T RIP MY FACE OFF.

COMIC STRIP 13: WE HAVE RETURNED FROM THE WILDS AND HAVE SUCCESSFULLY RECORDED THE EXISTENCE OF THE ELUCID BASSALOPE ON FILM!

COMIC STRIP 14: HOWEVER, MY ASSISTANT HERE IS SUFFERING FROM SEVERE SHOCK AND FRODOUR.

COMIC STRIP 15: YOU'VE ENCOUNTERED WITH THE BASSALOPE CERTAINLY WAS EXCITING!

COMIC STRIP 16: HE THOUGHT HE'S GOING TO HAVE THE ACE BEARS AT MATURE OF OFFER TO TURN TO, ETC. ETC.

COMIC STRIP 17: -GOD WHEN YOUR LIFE GETS EXCITING, IT'S GOOD TO HAVE THE ACE BEARS AT MATURE OF OFFER TO TURN TO, ETC. ETC.

The Oyster Pub Celebrates:

'Rocktoberfest'

Oct. 18, 1986

ALL YOU CAN EAT 11:30 til 2 p.m. • Mon. - Fri. **FREE DELIVERY**

PIZZA - PASTA BUFFET \$2.99

Soup and Salad with Buffet \$1.00 extra

The Oyster Pub Celebrates:

'Rocktoberfest'

Oct. 14 thru 18, 1986.

Enter **BECK'S** Beer Octoberfest Sweepstakes!
Win Surprise Prizes!
Two concert tickets given away nightly!

- On Tues.: **Pat Metheny at the Bob Carr Auditorium** (Oct. 14)
- On Wed.: **John Fogerty at the Ocean Center** (Oct. 20)
- On Thur.: **Neil Young and Crazy Horse at the Ocean Center** (Oct. 27)
- On Fri.: **Willy Nelson at the U.S.F. Sundrome** (Nov. 7)
- On Sat.: **Jimmy Buffett and The Coral Reefer Band at the Ocean Center** (Nov. 13)

615 Seabreeze Blvd. - One block from the Ocean

ALL YOU CAN EAT 11:00 til 2 p.m. • Mon. - Fri. **FREE DELIVERY**

PIZZA - PASTA BUFFET \$2.99

Soup and Salad with Buffet \$1.00 extra

Jammers

NEW AT JAMMERS
Steak & Cheese, Subs, Hamburgers, Chicken Breast, Shrimp Baskets.

TWO MEDIUM PIZZAS \$6.75 Plus Tax

Two Medium Pizzas with Cheese And One Item Good After 2 P.M. Only
W/In Coupon Only

HOURS: Mon.-Thurs. 11-10, Fri.-Sat. 11-11, Closed Sunday

MOLLY HILL PLAZA
Brentwood & Nova Near Best Telephone 888 N. Nova Rd., Daytona Beach

Call Ahead For Take-Out **253-6751**

ANNOUNCING:

Eagle Video Rental

Now you can rent video ON CAMPUS!

MAX HEADROOM - THE ORIGINAL STORY



pretty in pink



- FREE MEMBERSHIP
- NO DEPOSIT REQUIRED
- LOWEST PRICES
- RENT FRIDAY - RETURN MONDAY

In The SGA Office
8:30-4:30 Mon.-Fri.
Phone Ext. 1080

YOUR HALLOWEEN HEADQUARTERS

PROFESSIONAL COSTUMES SALES & RENTALS

WE HAVE EVERYTHING YOU'LL NEED!

Show Time **788-8009**

Foxboro Plaza, 1339 Beville Rd. Daytona Beach
MON - THUR 10-8, FRI & SAT 10-10

Atlantis on launch pad to evaluate weather protection system

Seven week test program will feature emergency rescue simulations, Launch Team proficiency exercise

By Peter W. Merlin

KENNEDY SPACE CENTER—Space Shuttle *Atlantis* was rolled out to launch pad 39B shortly after midnight last Thursday. The vehicle made the five and a half hour journey atop one of NASA's massive crawler transporters, and arrived at the pad about an hour before sunrise. The move marks the beginning of a seven week test program.

The primary purpose of the test series is to conduct fit checks of the newly installed weather protection system. Other special activities will include a variety of vehicle tests, a launch team proficiency exercise, and emergency egress simulations.

Space program officials began planning for the pad B test program last June after the cancellation of the Shuttle/Centaur program. *Atlantis* had already been tracked in preparation for a series of "matchmate" tests to verify Shuttle/Centaur interfaces at launch pad 39A. Since officers Columbus and Discovery occupied the Orbiter Processing Facility, officials felt it was desirable to keep the Shuttle vehicle stack together.

The external tank and solid rocket boosters were originally assigned to Mission 61-G. That flight was scheduled to boost the Galileo probe towards Jupiter.

Initial test operations will involve a checkout of new protective hardware on the Rotating Service Structure on pad B. The system will protect the orbiter's underside from exposure to rain, hail and windblown debris. This will prevent damage to the spacecraft's thermal protective tiles.

Pad A uses a system of fabric "mats" which can withstand winds up to 40 knots. The new system on pad B consists of two rolling steel doors which slide between the belly of the orbiter

and the external tank to protect the lower portions of the orbiter. The doors are designed to withstand winds up to 83 miles per hour while deployed, and 183 mph when retracted.

Pad operations scheduled during the flow will include a fit check of the new hardware, verify clearances, evaluate vehicle access and checkout procedures, and certify the weather protection system as operational.

A practice launch countdown will be used to help maintain launch team proficiency. The test involves flight crew and Mission Control participation in a realistic rehearsal of the final hours of the countdown.

The test is initiated with a Call to Stationary T-15 hours. Vehicle preparations closely parallel those of an actual launch countdown. An astronaut crew will board the orbiter and perform typical prelaunch communications and system checks leading up to a simulated firing of the Shuttle main engines at 7-5 seconds. The count will then be terminated and recycled to T-20 minutes so that the launch team can practice some malfunction scenarios.

Two days of emergency egress and rescue exercises will follow the terminal countdown demonstration. Launch pad emergency procedures will be evaluated with the participation of a seven member astronaut crew along with ground support crew, fire/rescue personnel, firing room test team, and other support elements.

The first day of the operation will center on a familiarization for the participants. With the vehicle configured to simulate prelaunch conditions, fire/rescue personnel will practice opening the hatch and will have an opportunity to observe and evaluate conditions in a fully manned orbiter. Participants in the exercise will also conduct a

walkdown of the facilities to be used in the emergency simulation and a final pretest briefing.

The checkout crew will assist the astronauts in crew ingress to the *Atlantis* early on the second day. A simulated emergency will be declared while the crew is boarding the orbiter, and an evacuation of the vehicle and the pad will be ordered.

Some flight crew and ground personnel will assume the roles of injured and incapacitated victims. Rescue personnel will come to the aid of the crew and a simulated fire will require activation of the pad's fire water spray system.

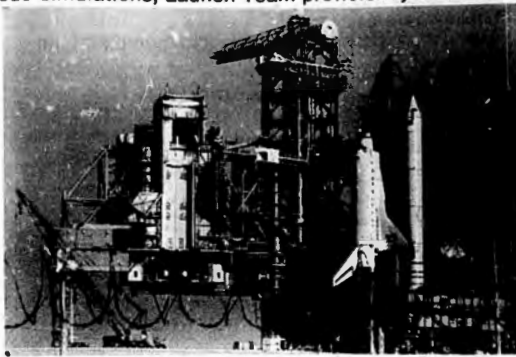
"Uninjured" crewmembers and responding fire/rescue personnel will rescue the "incapacitated" crew and all will enter the pad's five slideaway baskets. At that point, the simulation will enter a "time out" mode while the baskets are released unmaneuvered.

Participants will relocate to the Slideaway Basket Landing Area, reenter the baskets and proceed with the simulation. Emergency equipment from a nearby bunker will be used and the crew will be transported to the medevac and fallback areas. Simulated victims will be evacuated to nearby medical facilities off center, including the exercise.

The *Atlantis* and other flight elements will be powered up during the test and certain water spray nozzles will be plugged to prevent water from getting into the vehicle. To ensure the safety of personnel and flight hardware, the egress simulation will not include a dynamic rescue of crewmembers from their stations in the orbiter.

All procedures, facilities, equipment, and communication will be documented and evaluated with an emphasis on identifying areas for possible improvement.

NASA officials are taking this



Space Shuttle *Atlantis* sits on launch pad 39B. Visibly noticeable modifications to the service structure include two rectangular steel doors.

One of these can be seen on the far left of the Rotating Service Structure. The other is barely visible adjacent to the orbiter's left wing.

opportunity to conduct a variety of engineering tests on the vehicle and the launch pad.

One such test involves measurement of stress on the right solid rocket booster during rollout and rollback. Engineers wish to determine whether or not such stress could have been a factor in the *Challenger* accident last January. Mission 51-L was the first Shuttle flight to launch from launch pad B and the first manned launch from that pad since the Apollo/Soyuz mission in 1975. Stresses on a launch vehicle during rollout to pad B are stronger than those encountered on a move to pad A.

Special instrumentation has been installed on the three field joints of the right hand booster to

obtain deflection, strain, and acceleration data.

Sensors have been placed in the flame trench at pad B to obtain wind data as part of a study to evaluate whether free hydrogen might accumulate in pockets in the event of a main engine shutdown. Data will be gathered concerning wind velocity and deflection in and near the Shuttle main engine flame trench.

Payload bay operations will be conducted during most of the pad flow to evaluate cleanliness following long term storage, obtain highly accurate optical measurements of the payload bay, and test the effects on the payload bay doors when the booster thrust vectoring control system is activated.

Twelve witness plates were installed in *Atlantis* payload bay during orbiter processing to gather contamination data. These will be removed for analysis after the payload bay doors are opened at the pad and they will be replaced by a new set of plates to gather additional data during the pad flow.

A booster frequency response test will also be conducted. Ground hydraulics will be applied to activate the solid rocket booster thrust vector control system and gimbal the booster nozzles. Measurements will be taken to determine effects on the payload bay doors and booster field joints.

See Rollout, page 5

OWHO'S PIZZA • FRESH DOUGH DAILY • DINO'S PIZZA • FAST DELIVERY • GREATEST SUBS

GREAT SUBS • FRESH DOUGH

LA PALOMA

Pad A uses a system of fabric "mats" which can withstand winds up to 40 knots. The new system on pad B consists of two rolling steel doors which slide between the belly of the orbiter

and the external tank to protect the lower portions of the orbiter. The doors are designed to withstand winds up to 83 miles per hour while deployed, and 183 mph when retracted.

Pad operations scheduled during the flow will include a fit check of the new hardware, verify clearances, evaluate vehicle access and checkout procedures, and certify the weather protection system as operational.

A practice launch countdown will be used to help maintain launch team proficiency. The test involves flight crew and Mission Control participation in a realistic rehearsal of the final hours of the countdown.

The test is initiated with a Call to Stationary T-15 hours. Vehicle preparations closely parallel those of an actual launch countdown. An astronaut crew will board the orbiter and perform typical prelaunch communications and system checks leading up to a simulated firing of the Shuttle main engines at 7-5 seconds. The count will then be terminated and recycled to T-20 minutes so that the launch team can practice some malfunction scenarios.

Two days of emergency egress and rescue exercises will follow the terminal countdown demonstration. Launch pad emergency procedures will be evaluated with the participation of a seven member astronaut crew along with ground support crew, fire/rescue personnel, firing room test team, and other support elements.

The first day of the operation will center on a familiarization for the participants. With the vehicle configured to simulate prelaunch conditions, fire/rescue personnel will practice opening the hatch and will have an opportunity to observe and evaluate conditions in a fully manned orbiter. Participants in the exercise will also conduct a

walkdown of the facilities to be used in the emergency simulation and a final pretest briefing.

The checkout crew will assist the astronauts in crew ingress to the *Atlantis* early on the second day. A simulated emergency will be declared while the crew is boarding the orbiter, and an evacuation of the vehicle and the pad will be ordered.

Some flight crew and ground personnel will assume the roles of injured and incapacitated victims. Rescue personnel will come to the aid of the crew and a simulated fire will require activation of the pad's fire water spray system.

"Uninjured" crewmembers and responding fire/rescue personnel will rescue the "incapacitated" crew and all will enter the pad's five slideaway baskets. At that point, the simulation will enter a "time out" mode while the baskets are released unmaneuvered.

Participants will relocate to the Slideaway Basket Landing Area, reenter the baskets and proceed with the simulation. Emergency equipment from a nearby bunker will be used and the crew will be transported to the medevac and fallback areas. Simulated victims will be evacuated to nearby medical facilities off center, including the exercise.

The *Atlantis* and other flight elements will be powered up during the test and certain water spray nozzles will be plugged to prevent water from getting into the vehicle. To ensure the safety of personnel and flight hardware, the egress simulation will not include a dynamic rescue of crewmembers from their stations in the orbiter.

All procedures, facilities, equipment, and communication will be documented and evaluated with an emphasis on identifying areas for possible improvement.

NASA officials are taking this

obtain deflection, strain, and acceleration data.

Sensors have been placed in the flame trench at pad B to obtain wind data as part of a study to evaluate whether free hydrogen might accumulate in pockets in the event of a main engine shutdown. Data will be gathered concerning wind velocity and deflection in and near the Shuttle main engine flame trench.

Payload bay operations will be conducted during most of the pad flow to evaluate cleanliness following long term storage, obtain highly accurate optical measurements of the payload bay, and test the effects on the payload bay doors when the booster thrust vectoring control system is activated.

Twelve witness plates were installed in *Atlantis* payload bay during orbiter processing to gather contamination data. These will be removed for analysis after the payload bay doors are opened at the pad and they will be replaced by a new set of plates to gather additional data during the pad flow.

A booster frequency response test will also be conducted. Ground hydraulics will be applied to activate the solid rocket booster thrust vector control system and gimbal the booster nozzles. Measurements will be taken to determine effects on the payload bay doors and booster field joints.

See Rollout, page 5

OWHO'S PIZZA • FRESH DOUGH DAILY • DINO'S PIZZA • FAST DELIVERY • GREATEST SUBS

GREAT SUBS • FRESH DOUGH

DINO'S DELIVERS



Dino's Pizza
Buy One Get One
FREE

Any Large Two Item Pizza For \$10.95
Excluding Extra Cheese

Buy One Get One
FREE

Any Small Two Item Pizza For \$7.45

1510 S. Ridgewood
255-0904

Coupon Good On Dine-In, Pickup
or Delivery

Prices Do Not Include
Tax or .80 Delivery Fee

OWHO'S PIZZA • FRESH DOUGH DAILY • DINO'S PIZZA • FAST DELIVERY • GREATEST SUBS

GREAT SUBS • FRESH DOUGH

LA PALOMA
FITNESS CENTER Inc.

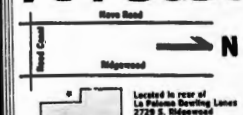


- Free weight area
- Complete all chrome training system
- Aerobic classes
- Electric exercise cycle
- Locker room and showers
- Juice and protein bar
- Specific conditioning for beginners and advanced
- Individual physical profile charts
- 4,000 sq ft workout area
- Outdoor deck on the river

- Membership can be frozen for vacation
- Student discount rates
- Daytona's newest facility
- Co-Ed

-HOURS-
Monday - Friday
9am to 9pm
Saturday
9am to 6pm

761-9090



DINO'S • GREATEST SUBS • FAST DELIVERY • DINO'S PIZZA • FAST DELIVERY

OWHO'S PIZZA • FRESH DOUGH DAILY • DINO'S PIZZA • FAST DELIVERY • GREATEST SUBS

Vandenberg Launch Site placed in operational caretaker status

By William V. Combs
Avion Staff Reporter

1,000 contractor personnel and the reassignment of approximately 200 military personnel. The *Columbia* which was to have been flown to Vandenberg for a series of tests in an effort to establish a baseline launch readiness for the Vandenberg launch facility will now remain at Kennedy Space Center for general maintenance.

"Delaying Vandenberg's initial shuttle launch capability will benefit the national space program by making prudent use of limited national resources until we have recovered from recent launch failures."

Many of the tests which would have been repeated with actual flight hardware prior to the first launch will now be done only once; however, work will continue at the complex in an attempt to complete hydrogen entrapment testing in the main engine duct as well as major engineering tests to ensure the facility is launch capable. None of the action taken is expected to affect the projected 1992 launch date from Vandenberg.

These were the words of U.S. Air Force Secretary Edward "Pete" Aldridge as he announced that the space shuttle launch complex at Vandenberg Air Force Base would be placed on operational caretaker status this month instead of May 1987 as previously announced.

ROLLOUT

(continued from page 4)

The primary test objective is to demonstrate the feasibility of conducting an SRB frequency response test with the payload bay doors open. Current requirements to close the doors prior to such a test have a schedule impact.

Units on either the orbiter or booster rockets. All associated ordnance is either safed or not installed and the orbiter fuel cells are depressurized and inerted. Many of the normal flight closure tasks were not performed on the external tank and solid rocket boosters.

Electrical tests will be conducted on payload bay wiring and data links between the vehicle and the firing room, known as the T-0 loop. The test will obtain baseline resistance data on the payload T-0 cables for use by the payload community.

"I'm sure happy to see a bird out on the pad this morning," said Conrad Nagel, *Atlantis* flow director, on rollout day. "This is the first time we've had a vehicle out at the launch pad since the accident with *51-L*," said Nagel, "and the Launch Team is extremely excited...there is a noticeable increase in morale."

Atlantis did not rollout to the pad in a flight-ready configuration. The Shuttle main engines are not installed on the orbiter and there are no Auxiliary Power

The next flight of *Atlantis* is scheduled for May 1988. The flight will carry a Department of Defense payload.

NASA announces new Shuttle manifest

Military, Scientific payloads will dominate first few years of missions

By Jim Banke
and Peter Merlin

formed the baseline schedule for resuming shuttle flights. These concerns included the orbiter's capacity and capabilities, as well as the scheduling of air and ground support equipment, or brier turn-around time in processing for a flight, launch windows for planetary missions and satellite replacement schedules.

KENNEDY SPACE CENTER — Shuttle flights will resume in February, 1988, according to Dr. James Fletcher, NASA Administrator. Five flights are scheduled for 1988 in the wake of the *Challenger* accident. Fletcher announced the details of the manifest in a press briefing held Oct. 3, in Washington, D.C.

"The manifest represents an acceptable balance among the many interests seeking access to space around the Shuttle," the NASA chief said. "Achieving that balance was not an easy task. But, in the long run, all involved in this process, including NASA, believe it will serve the best interests of the United States at this critical juncture in our national space program."

"This Shuttle manifest is based on a flight rate goal that we believe is acceptable and prudent. It complies with White House policy that NASA will no longer launch commercial and foreign payloads except those that are Shuttle-unique, or those that have national security or foreign policy implications," Fletcher said.

After *Discovery* makes its flight in February 1988, *Atlantis* will launch in May carrying a Department of Defense payload. *Columbia* will follow two months later on yet another DoD mission. *Discovery* will be used in September to loft the TDRS-D tracking and communication satellite.

On Feb. 18, 1988, the orbiter *Discovery* will lift off for the first of five flights scheduled for that year. Ten flights are scheduled for 1989, and 11 missions in 1990. Eleven of the 30 missions now planned are dedicated Department of Defense flights, reflecting clearly the high priority the government has vested in reducing the backlog of DoD payloads.

One of the most exciting future programs on the manifest is the Hubble Space Telescope. The Hubble Telescope will be placed in Earth orbit to gain information about the origin of the universe and the evolution and disposition of stars. The Telescope will be capable of being serviced on other Shuttle missions. *Atlantis* is scheduled to carry the Hubble Space Telescope on November 17, 1988.

"The needs of the United States' Department of Defense, science community, commercial sector and our foreign customers had to be considered in light of many factors," Fletcher explained. "Those factors include national security interests, the new national policy to increase the development of a viable private expendable launch industry, and our present and projected national space flight capabilities."

During 1989, the Shuttle fleet is scheduled to fly ten missions. Payloads to fly during that period include the ASTRO-1 Ultraviolet Astronomy Telescope, Magellan Venus Radar Mapper, GPS-1 through GPS-4 Global Positioning

Satellites, MSL-3 and MSL-4 Lateral Science Laboratories, and four Department of Defense missions including the first DoD Spacelab flight. *Atlantis* will be available for an early November planetary opportunity.

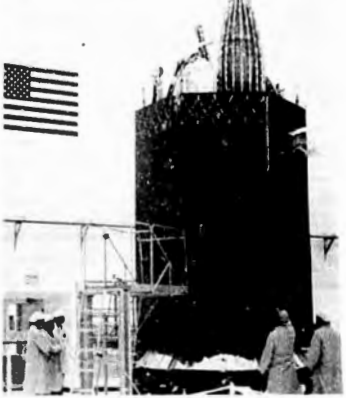
Heatpipe Advanced Radiator Experiment, Electrophoresis Operation in Space, and Pathfinder which is a DoD payload for the Strategic Defense Initiative.

Eleven flights are planned for 1990. Four DoD missions will be flown and several scientific payloads. Three flights will launch multiple satellites into Earth orbit.

There is another planetary opportunity in early October and *Atlantis* is scheduled to retrieve the Long Duration Exposure Facility. LDEF has remained in orbit much longer than planned since the Shuttle fleet was grounded.

In May, *Columbia* will carry GPS-5. SHARF Space Station

Flight scheduling for 1991 has not yet been completed.



The first Shuttle flight on the new manifest calls for *Discovery* to loft TDRS-C into orbit. TDRS-B, the second in the TDRS series of telecommunications satellites was lost in the 51-L accident.



are not installed on the orbiter and there are no Auxiliary Power

units on either the orbiter or booster rockets. All associated ordnance is either safed or not installed and the orbiter fuel cells are depressurized and inerted.

many of the normal flight closure tasks were not performed on the external tank and solid rocket boosters.

Telescope, Magellan Venus Radar Mapper, GPS-1 through GPS-4 Global Positioning

**CASH TODAY!
NO HASSELS!
CASH! CASH!**

The first Shuttle flight on the new manifest calls for *Discovery* to loft TDRS-C into orbit. TDRS-B, the second in the TDRS series of telecommunications satellites was lost in the 51-L accident.



Pride and respect They come with the territory.

It's one of the first things you'll realize as a Navy Officer. The excitement that you get when you take on the Adventure. The adventure can be yours. And taking the way you're picking up experience that builds confidence it takes years to get elsewhere.

College graduates start with management and leadership training as Officer Candidates School. Once you're in, you'll have even more educational opportunities that can further professional growth.

You'll uncover your potential and get the responsibility and decision-making authority you need. The challenge, satisfaction and growth and up in personal and professional growth.

When you Join the Adventure, you take out with you the respect. It puts you a step ahead. Contact your Navy Officer Recruiter or call 1-800-327-Navy.

NAVY OFFICER. LEAD THE ADVENTURE.

**CASH TODAY!
NO HASSELS!
CASH! CASH!**

Top Loans, on TV's, Stereos, Tools, VCR's, Musical Instruments etc. ALSO SAVE BIG ON THE ABOVE (Show Student ID For Discounts On All Charges)

FREE Layaway - (3) Locations - WHY CALL HOME?

DAYTONA	PORT ORANGE	DAYTONA
112 Fairview Ave. Tom 257-1633	4360 US1 Al Chuck 761-3093	2033 US1 (Oaktree Plaza) Al 786-6233

THE PRIVATE LINE

An exciting new service primarily for students of Embry-Riddle, Stetson University, and DBCC. It works two ways...It's a telephone message service with live friendly operators, ready to take messages for you while you're unable to be contacted, or if you don't have your own phone. It's an advertising service with the potential to reach over 43,000 students. Advertising spots are recorded on tape by a professional radio announcer. Your advertisement can be for anything. The Private Line is everything but expensive... Call our temporary telephone number today for more information. Service begins October 20th. Call 252-1338



X-29A progressing smoothly

By Doug Fisher
Associated Press

DAYTON, Ohio — The nation's newest experimental aircraft, the X-29, is flying well and shows the value of continuing experimental aircraft programs, Air Force officials said Monday.

"It's proof that you can go through the whole design process and use advanced technology while you're doing it. You don't always have to fall back to the most conservative technology," said Thomas Weeks, director of the X-29 program office at Wright-Patterson Air Force Base.

The briefing for reporters was held at the Air Force Museum in conjunction with a display of an X-29 model.

The plane, with its unusual forward-swept wing, has made 71 flights since December 1984. It was built in conjunction with the National Aeronautics and Space Administration, the Defense Advanced Research Projects Agency and Grumman Corp. for about \$200 million, Weeks said.

The forward-swept wing makes the plane more unstable. A mini-

wing toward the nose, called a canard, is manipulated 40 times a second by a computer to maintain stability.

There also are small tabs from the wing along the rear fuselage. These rear strakes add a third control surface not found in most planes, Weeks said.

The X-29 is not designed as a fighter, but its design should help the planned Advanced Tactical Fighter, Weeks said. The three control surfaces, for instance, enable the X-29 to slow down quickly, while an adversary might have to fly faster, he said.

"It changes the characteristics of a dogfight, if you are able to get on his tail," said Col. Thaddeus Sandford, director of the Flight Dynamics Laboratory at Wright-Patterson.

The X-29 also has flown at almost 1 1/2 times the speed of sound.

"I think directly the agility issue is one of the key things we're going to draw out of the X-29," Maj. Harry C. Walker III, former fighter pilot and now the program test pilot, said by telephone from Edwards Air Force Base in California.

He said he has had no problems with the plane in his four flights since July.

The X-29 also is the first designated experimental program since 1971.

"The recent cutback in the defense budget may hurt the extent and the number of the experimental test vehicles we can do," Sandford said.

The only other designated program is the X-30, the National Aerospace Plane, which would take off from a runway and fly into orbit. Sandford said researchers also are considering "experimental short-takeoff-and-landing" fighters.

Researchers are looking for up to \$8 million a year through 1989 to continue testing the X-29 at lower speeds, Sandford said. They also want the Air Force to pay a greater share of experimental programs, Weeks said.

So far, DARPA has supplied about \$100 million and Grumman has invested about \$55 million, with the Air Force and NASA providing the balance, officials said.



Airborne Weasel...

The U.S. Air Force has awarded a \$55 million contract to McDonnell Douglas to begin production of an updated version of AN/APR-47 detection and homing system ed on the McDonnell Douglas built F-4G Phantom II aircraft. The primary mission of the F-4G is to find and destroy anti-aircraft and surface-to-air missile sites. The Air Force refers to the F-4G performing this role as the "Wild Weasel."

PARKING

(continued from page 1) and vehicular safety by trying to maintain a 10 miles per hour speed limit to avoid possible accidents. NOTE: Pedestrians will have the right of way in any marked pedestrian walkway, when painted.

Students also wonder if there is such a parking shortage, why then, is there so much wasted space in the new parking lot? A Daytona Beach city ordinance dictates that any amount of parking has to have a certain percentage of landscaping, pedestrian walkway or sidewalks, and

strategically placed islands for pedestrian and vehicular safety.

Is there an over abundance of handicapped parking spaces? According to Charles Fountain, Director of Business Affairs at Embry Riddle, a city ordinance is in effect which governs the percentage of handicapped parking spaces. The administration is in the process of asking for an exemption to the policy of reserving the amount of handicapped parking spaces due to the nature of student's physical demands dictated by the aviation industry.

Why was the parking lot removed from behind the library? Again, the administration said its for the safety and well-being of the pedestrians. By reducing the interaction between pedestrians and students, the goal of having a walking campus becomes a reality.

Part II in the Avion's parking lot coverage will be featured on the front page of next week's issue.



Daytona Gym


★ Steve Baker and female staff are on duty for personalized supervision

AMERICAN AVIATION SUPPLIES

1116 Beville Road

age of landscaping, pedestrian walkway or sidewalks, and student's physical demands dictated by the aviation industry.

AN/APR-47 detection and homing system used on the McDonnell Douglas built F-4G Phantom II aircraft. The Air Force refers to the F-4G performing this role as the "Wild Weasel."



Daytona Gym

★ Steve Baker and female staff are on duty for personalized supervision

- ★ SPECIAL Men 1/2 price (Reg membership \$200, now only \$100)
- ★ SPECIAL Women 1/2 price on all memberships
- ★ Newly Expanded! over \$40,000 in the latest of CAM machines have been added to our club.
- ★ Tanning beds now available

Daytona Gym

Bring this coupon in for 1 FREE workout

Centrally located downtown at:
242 S. Beach Street
Daytona Beach
253-8188

Open Mon-Sat
10 a.m. to 9 p.m.
Centrally located downtown at
242 S. Beach Street
Daytona Beach
253-8188

AMERICAN AVIATION SUPPLIES

1116 Beville Road
Daytona Beach, Florida 32014
904-255-2463

9 - 6 MON THUR FRI
9 - 5 Saturday

NOW CX-1 PATHFINDER \$89.95

NEW

Private Pilot and Instrument
Test Books

10 percent DISCOUNT to ALL students

Introducing

EASY PIECES PIZZA


Delivered Fresh and Hot to your room in 30 minutes!

12" pie with cheese \$5.25	16" pie with cheese \$6.00
Additional Toppings: (.50 each)	MUSHROOM BLACK OLIVES PEPPERONI SAUSAGE ANCHOVIES ONIONS GROUND BEEF GREEN PEPPERS
12" B-52 (All toppings) \$7.50	16" B-52 (All toppings) \$8.50

On-Campus Dorm Delivery
(Dorms I & II only)

Monday through Friday 7:00 to 11:00 pm
Call Ext. 1436

*A division of ERAU Food Service



ACE HOBBIES

One of the largest selections of
RADIO CONTROLLED
Airplanes • Cars • Boats
in Volusia county
Plastic Models • Trains
Art & Macrame Supplies

Across from Long John Silver's
2127 S. Ridgewood Ave.
S. Daytona 761-9780

Professional Job Resumes
Resumes & Composition & Editing
Writing Speech Writing
Service Interview Preparation

15% Discount with Student I.D. Card

NANCY D. HOYT 140 S. BEACH CT. SUITE 404
CHIEF WRITER DAYTONA BEACH FL 32104
804-258-0125

LETTER

(continued from page 2) — In closing I have few questions I would like answered by the proper authorities, if they would be so kind.

Why was the parking lot in front of the library destroyed and a big space-wasting circle-drive put in its place? Why is the AMT parking lot being torn up and being replaced with what I understand to be a grass field?

Why was that God-forsaken parking lot, disguised as a maze, designed the way it was? And last but not least, why wasn't the rear parking lot connected to the front lot?

Scott Scherr
Box 4148

High Expectations

To the Editor:

In response to the "Boo, Boo, Hiss" letter in a recent issue, sub-

mitted by Matt Jaroszewicz and Dave Borrensen, the Entertainment Committee would like to address the student body on some of the points brought up by these two gentlemen.

Kier was rated in *Campus Activities Programming* as a "Great Performer," with a rating of 4.6 on a scale of 1 to 5 (five being the highest). This kind of rating could hardly be called "poor." Dundalk College in Maryland reported an attendance of 5,000 students on their May 4th show. ERAU Entertainment paid Kier \$750 for his performance on September 12th. This comes out to be about \$0.16 per student. "Attitude Adjustment" shows are meant to be small, lower budget shows. Not major concerts.

Mr. Jaroszewicz and Mr. Borrensen were, "...curious why the Entertainment Committee doesn't contract someone" of

Robin Williams or Billy Crystal's caliber." Comedians of such a caliber charge approximately \$50,000 for each performance. As another example, comedian Rodney Dangerfield currently charges \$60,000 for a single performance (almost twice as much as Entertainment's entire budget).

Mr. Jaroszewicz and Mr. Borrensen also asked, "Why don't you people... get some quality shows?" "You people," are fellow students in the Entertainment Committee, who put in a lot of volunteer time and hard work. They also attend the Entertainment meetings where the "select, from among the available acts, which will be brought onto campus." These meetings are open to all ERAU students, and are held weekly on Thursday nights at 7:30 p.m. upstairs in the Faculty/Staff Lounge. The Entertainment Committee urges everyone to attend these meetings

and take an active part in our campus programming. Also, anyone who has a question, suggestion, or comment, is invited to stop by the Entertainment office. Presently, the Committee is heavily involved in the process of negotiating the contract for the "top" "Cheap Trick," who will be headlining in the October 31st show.

Ed Heemsker, Chairman
Joseph Davidson, Manager

Threats & Promises

To the Editor:

Green's, Explosives Enthusiast. Kier's excuse the delay, however the repercussions have made themselves only recently evident.

I'm sure you will recall the bogus bomb threat you recently delivered to the Academics

building, (pardon the absence of acute chronology, however, the date mixes me).

Quite frankly, this sort of thing, unless truly authentic, can prove quite bothersome and in cases such as my own, absolutely calamitous. You see, when an over-zealous idiot, like yourself, takes the liberty of disrupting an entire institutional populace in hopes of avoiding an exam, he and/or she is doing a great disservice to those of us who are, in essence, prepared for the said exam. In all honesty, surely you are aware that exams continue to be regardless of contemporary hazardous conditions. In fact, I recall an instructor "promising" continuation of exams even at the threat of Armageddon!

And yet what is it you achieved. Perhaps a delay in the exam schedule only to receive a refined and more difficult exam — in contrivance indicative of the

instructors discontent. Or perhaps and outdoor classroom. I myself find it quite laborious the task of producing calculations in a reclined position. So my disturbed fellow, it is my recommendation that you either seek an end to these mindless games of yours, or obtain professional instruction on the subject of explosives so that next times you might succeed in delivering a truly vivacious "bang."

Gregory P. Mullin
Box 4462

Letters to the Editor are published in order to allow individuals the opportunity to express their viewpoints. Deadline for all letters is 3:00 pm on the Thursday prior to publication. Guidelines for submissions are listed in the Avon masthead on page 2.

WIND

(continued from page 1)

He said that pilots who unavoidably find themselves in a microburst have a 75 percent chance of recovering and escaping from it — if they ignore standard procedures and raise the nose of the plane by as much as 15 degrees.

This energy-tradeoff, as the

maneuver is called, conflicts with the standard practice of maintaining constant speed to the destination, McCarthy said.

The importance of teaching this technique will be reported to the Federal Aviation Administration in February, McCarthy said, and he expects the training to become part of FAA regulations

shortly thereafter.

"But it is not a replacement for definitive detection" of microbursts, McCarthy said.

That job falls to the Doppler radar, a ground-based system that can detect 90 percent to 95 percent of microbursts occurring at or near an airport.

IBM

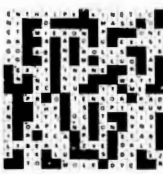
(continued from page 1)

the year, and according to Thorne, the sale was a "great success."

The computer systems, which will come directly from IBM manufacturing, will take one to two weeks to reach the university, and students can pick them up from a designated location on

campus.

Thorne closed by saying, "Every student should have his or her own computer. It would make your life much easier... No more waiting for a terminal in the lab, and you can also do your own homework whenever you want."



COUPON

Japanese & German Cars

THE BUG WORKS

Service & Parts For All Types of Imports
Quality You Can Trust, At A Price You Can Afford.

10% Discount With This Ad

2800 S. Nova Road
South Daytona, FL 32019
(904) 761-4033

Open Mon-Fri 8-5

Owner/Operator
Bob Locher
ER

COUPON

Keith's Sub Shop

Keith's Sub Shop
\$1.00 OFF
any whole sub

10% OFF At All Other Times With ERAU I.D.

South Daytona 756-0806
681 Beville Road 1000 PM 11 P
CLOSURE SAT & SUN
EXPIRES TUESDAY, OCTOBER 14, 1986

COUPON

Your Camo Headquarters

New and Used Fatigues
New Knife Selection

Coming Soon:
Leather Flight Jackets

5257 S. Ridgewood Ave. Allandale, FL 32023
(904) 787-2131
US1 Just South of Port Orange

COUPON

King-Size

WE BUY USED ALBUMS, CD's & CASSETTES

Can Afford. 10% Discount With This Ad. Owner/Operator Bob Locher ER

South Daytona 756-0806 1000 PM 11 P CLOSURE SAT & SUN

5257 S. Ridgewood Ave. Allandale, FL 32023 (904) 787-2131 US1 Just South of Port Orange

Sale KING-SIZE WATERBEDS

Starting at \$149 COMPLETE

PERCALE SHEETS \$28.50
MATTRESS PADS (Any Size) \$8.74
PADDED SIDE RAILS \$9.95

NOW 2 LOCATIONS

VISA

WE BUY USED ALBUMS, CD's & CASSETTES

ATLANTIC SOUNDS

RECORDS & TAPES
Daytona Beach

Trade 2 used CD's for 1 new CD
Used CD's \$9.99
Ask For Details

Check Out Our Low Prices

Manufacturers Suggested Retail	OUR LOW PRICE
\$8.98	\$7.49
\$5.99	\$4.99
\$2.99	\$1.99
\$9.99	\$7.99
\$10.98	\$8.99
\$11.98	\$9.99

COMPLETE RECORD & TAPE STORE

138 Volusia Ave.
1/2 Block West of Beach Street
Downtown Daytona Beach

HOURS
Monday-Saturday 9 AM-6 PM
Sunday Noon-5:00 PM

(904) 258-1420

BLANK TAPES

TDK SA 90 Min. \$2.99 each 2 Pack \$4.99
TDK SA 90 Min. — \$3.99 each
TDK SA 60 Min. — \$1.99 each
Maxell UDXL II 90 Min. — \$2.99 each 2 Pack \$4.99
Maxell XL IIS 90 Min. — \$3.99

NU-WAVE WATERBEDS
2650 SO. U.S.1 • SOUTH DAYTONA • 767-0182
CORNER 8TH & NOVA • HOLLY HILL • 258-0136
MON. - FRI 10 - 7 SAT. 10 - 6

AHP Alpha Eta Rho

Geoff Warman
Club Writer

First interviews went smoothly for this trimester's pledge class, Beta Alpha. We now have twenty-seven eager pledges among us. Beta Alpha held elections for their executive board and the results are as follows: Scott Riley, President; Sam Edwards, Vice President; Ken Brackett, Treasurer; and Ron Kahner, Secretary. We wish them all luck. They have already begun planning some community projects, car washes, and a pledge-brother campout.

The pledges lost their first game against the brothers in football; perhaps they may win some day, if they ever discover the meaning of plays. Pledge meetings are held every Tuesday in room A-113 from 8-9 p.m., so be there!

AHP had a blast at Manimal's, Scranton's, and Worm's on Saturday the fourth, and we appreciate their hospitality. The

place was packed, and was rockin' until the beer ran out. Never-the-less it ranks up there among the best parties.

The AHP house committee meetings are held every Sunday at 7 p.m. in the University Center. Everyone is welcome to come by and give their input. We would all like to thank the executive board for their exemplary fashion in running our sistercity this year.

Dave Vestal, one of our brother's who graduated in the summer is now working for R.J. Reynolds & Nabisco in Winston-Salem, North Carolina. His title is Flight Engineer, however that doesn't involve hands-on flying. He serves passengers in flight, does pre-imposed flight inspections, secures the airplane for overnights, and orders the catering for the next day. When he's not flying to Palmadix, New York City, or Kentucky, he's a maintenance apprentice. He'll soon be going on overseas flights,

and is looking forward to meeting foreign women. Dave graduated from our school with a degree in Maintenance Technology and is very happy with his new job. He's missed by all!

Notes of Interest:

EJM-Marianne-Wendy-Renee are hosting a costume Halloween party at the house on the 31st. Caesar Lim got his Private Pilot's license, so clear the sky. AHP beat the Riddle Ro 42-40 in last Sunday's football game.

Hena's investigation continues, so watch for his crime-sporter t.v. commercial.

Frank Charles and EEEEEZZZ hosted a rowdy one.

NIF-A meet is November 6-9. Hooker's arranging for some pilots to speak to us in the near future.

Thanks to everyone who backed up Mr. Van. Take-it-easy-everyone!

ARMY ROTC Army Reserve Officer Training Corps

By Col. Cpt. Laura Skamara
AROTC Writer

Saturday, Oct. 4, 5:30 a.m. The sun isn't even up yet. A few stragglers are still wandering home from a night of wine, women/men and song. But Army ROTC cadets are already on the job. These ERAU Army ROTC cadets were getting ready to participate in the joint exercise with UCF and Stetson University.

The cadets loaded up on Army Greyhounds (dove and a half) to venture out to Ocala National Forest for land navigation training. The training consisted of a terrain walk to equivalent cadets with basic land navigation techniques and the boundaries of the course.

Upon completion they indulged in one of the culinary delights of the United States Army — the M.R.E. (Meal Ready to Eat). Like its sister, the C-ration, it peaks at approximately 3000 calories per meal, is chock full of nourishing wax, coagulated grease, carbohydrates, a few proteins, chewing gum, toilet paper, sugar, salt, pepper, matches and even dehydrated catfish.

M.R.E.'s are rather bland tasting unless you compare it to the only edible things in Ocala

National Forest — lizards, crickets and ticks.

After recovering from this feat, the cadets were required to participate in a day land navigation exercise with a buddy. The cadets shot an azimuth (dead) and then traveled the given distance through the woody terrain to a point several hundred meters away. The MS III's showed great determination to stay on the azimuth that would lead them to their objectives. The land navigation course was designed to develop the confidence of the cadets to maneuver their way through wooded areas. Not only must the cadets navigate their way through the woods in the light of day but, also in the dead of night.

No, this is not going through the course with your eyes closed! The night land navigation is quite different from the day land navigation because there is the added factors of the tree-branches-slap-in-the-face tripping over the branches and unforeseen roots.

The MS III cadets received class instructions to master their night land navigation. The cadets completed this training using buddy teams to ensure safety.

On Sunday, Oct. 5 at 6 a.m. the cadets assembled to take the day record course in which they

received individual grades. They also took a written land/navigation exam. Upon completion of this field training exercise, the cadets said good bye to their weekend home away from home. They arrived back at Embury Riddle at 2 p.m. to end another fun filled weekend.

The cadets are to be commended on their "can-do" spirit that motivated them throughout the weekend. Keep up the good work!

Due to factors beyond my control, I would like to make two corrections to the Army ROTC Article that appeared in last week's Avion. Thomas Sheehan's name was spelled incorrectly the first time but misspelled the second time it appeared in the article. The quote at the end of the article was originally submitted in this form: "If your main chair gets accused you need to pull your nerve up. If that doesn't work you have the rest of your life to straighten it out."

The caption that did not appear under the picture should have informed the readers that there was a rappelling exercise for MS I's and MS II's at Stetson University on Sept. 27, 1986. The two pictures were not meant to depict airborne training.

FPWA Future Professional Woman in Aviation

By Robert Dobbs
Senior Public Relation Officer

the men of E.R.A.U. are welcome to join.

With the semester rapidly approaching its midpoint, now is the time to see what else college life has to offer besides sleep-provoking professors and last minute cramming. A club is just the answer and F.P.W.A. is the choice of many Embury-Riddle students.

The Future Professional Women in Aviation is open to all current members of the Embury-Riddle student body or staff. Although the club consists mostly of women, it is a social club and

F.P.W.A. opened the year with a presentation during club and organization day showing activities we have done in previous years and plans we have for this semester. The next day we had a bar-b-que on campus for anyone interested in joining. There was a great turnout and everyone enjoyed some good food and fun.

On September 30 we held our first meeting at Mr. Gattis where we reserved the back room and watched a couple of great movies with dinner.

We have already made several plans for activities this semester.

As we dove into past years we will be selling merchandise at the Daytona Sp-dway for the Eastern Airlines race in late October. Also, we are planning on throwing a Halloween party for all members and friends. We had decided to enter a raft in the Regatta again, but those plans will have to be postponed (as was the race) until April.

The club meets every second and fourth Tuesday of each month in room E609 at 7pm. For more information on the club or any of the activities stop by or contact Jesse Walz at box 599. Just remember, it's never too late to start having fun!

NAVAL CLUB Naval Aviation Club

Kelly Childs
Club Writer

The Naval Aviation Club is geared toward bringing together those students interested in Naval Aviation. Although the club is not associated with the U.S. Navy, it is interesting to note ERAU ranks second behind the U.S. Naval Academy in the number of aviation officers it provides.

The club also brings more aircraft to ERAU for static displays than any other club on campus. At present, the club has over 74 members, the largest membership ever. Our officers are President Cary Roiter, Vice President Bob O'Donnell, Secretary Mike Rapuano, Treasurer Chip Lawrence and Sports Officer Pete Robinson. Our faculty advisor Capt. Bynum is a retired U.S. Navy officer and an associate professor of Aeronautical Science.

This trimester we had a T-34C on static display and at the last meeting John Hiltner an ERAU graduate was our guest speaker. Still in the planning stages at this time is a trip to Pensacola and a tour of the USS Saratoga. On the agenda for Oct. 22 is a tentative meeting with the pilot and crew of an S-3 which will be on display on the Riddle Ramp. Hope to see you at the meetings held every other Wednesday evening at 1900.

Skits, Drama, Dance, Speech,

Although the club consists mostly of women, it is a social club and

We have already made several plans for activities this semester.

Just remember, it's never too late to start having fun!

number of aviation officers it provides. The club also brings more aircraft to ERAU for static displays than any other club on campus. At present, the club has over 74 members, the largest membership ever. Our officers are President Cary Roiter, Vice President Bob O'Donnell, Secretary Mike Rapuano, Treasurer Chip Lawrence and Sports Officer Pete Robinson. Our faculty advisor Capt. Bynum is a retired U.S. Navy officer and an associate professor of Aeronautical Science. Hope to see you at the meetings held every other Wednesday evening at 1900.

Skits, Drama, Dance, Speech, Pantomime, Song, Band

Have You Got Talent? Why Not Show It On

TALENT NIGHT

Saturday 15th November In the U.C.

For Auditions Contact:
Deryck Nicholson Through the SGA office, or at 756-4120, or through Box 8849

Caring CLEANERS

Alterations, Insignia, Patches, Mending, Pressing
Shirts done to Regulation
Special Rate on Uniforms and Hats
Latest look in formal wear

20% Off on Dry Cleaning
With ERAU I.D.

Additional 10% Off with Prepaid Orders!

The Shoppes at Beville
253-8848

MEGA MOVIES

"The Critics Choice!!"

FREE 1 YR. MEMBERSHIP LIFETIME MEMBERSHIP 1/2 PRICE \$5.00 WITH VALID ERAU STUDENT I.D.

VCR RENTALS ONLY \$5.00 ALL MOVIES 2 FOR \$3 MON.-THURS.

Open 7 Days To Serve You! 252-3773

1500 Beville Rd. Daytona Beach

Mon.-Thurs. 10a.m.-9p.m.
Fri.-Sat. 10a.m.-10p.m.
Sun. 11a.m.-11p.m.

FREE ADMISSION!!

STUDENT NIGHT TUESDAY AND THURSDAY WITH 50+ DRAFTS

All drinks \$1.25 and drafts 75¢ all the time with Riddle I.D.

"Tommy Fever" playing your favorite songs from the 50's, 60's, and early 70's nightly

First drink 75¢ with add, limit one per evening

MAI TAI'S 75¢ all the time

Faculty and Staff Welcome

Located downstairs of the Econo Lodge 301 S. Atlantic Ave.

Home of Golden Rock'n Roll

DEAD HEADS

Greatful Dead
Appreciation Club

**By Lisa Doyle
Secretary**

The letters are not Greatful, they're about as American as you can get. They're not military either. They stand for the Greatful Dead Appreciation Club! This is not a misprint.

The Greatful Dead — you know, those 40 year old men who constantly tour the U.S. and play music for millions of Dedicated fans. Well, since this is such a unique breed of people (especially for Emby-Riddle), we decided to see how many fans we could get together to share in those special Dead interests. These include tyedying, parties, tapes, immeasurable music and most of all, sharing.

The Greatful Dead is not the only group that holds such an incredibly strong bond of immeasurable magnitude among its fans. We're not "burn-outs" or "hippies" but, just people who share a common interest in a musical phenomenon that has added a little extra zing to our lives (like any other interest).

I mean, these guys have been playing constantly for 21 years! Guitarist Jerry Garcia is recovering from a recent hospital visit due to a diabetic attack and complete exhaustion. His almost inhuman stamina has created an amazing following of admiration. All shows are postponed until next summer but, I don't believe it extra zing to our lives to get in contact with you. We're off to a great start so, join us!

factor is that they have always used a combination of cover tunes (Dead style) originals to create a different show every time. You never get bored with them.

Well, the interest in the club so far is fantastic. Altogether, we have over 90 names of people to invite to our meetings. Dues will not be required. We will simply have to do some fundraisers here and there to cover up with some cash for facilities.

Look for notices in your box for those who signed up and for those who didn't, contact me! Lisa Doyle, box 7536 or Student Activities for information about our next meeting. Please leave your name and box number in your box if you would like us to get in contact with you. We're off to a great start so, join us!

RIDDLE RIDERS

**By Rick Ringer
President**

The entire trip was 300 miles and took most of the day. Anyone who enjoys a nice ride through this type of setting; highway 326 between Ocala and Highway 19/98 is highly recommended.

Once at the key, the club went straight to Helen's notary and sandwich shop for some good food and music. The little fishing community was very interested in the club, even the town policeman gave up his Rice Krispies to come check us out. Some of the tougher members braved the horseshoe crabs and jellyfish to have a swim in the refreshing Gulf waters, while others stayed behind to discuss the entertainment available.

The club formulated three important theories on this ride.

One, butterflies are very stupid. Two, butterflies are very moist this time of year and three, someone asks have the ability to knock off a person's sunglasses while she is wearing them.

Mr. Chuck Speiser will be at this Thursday's meeting to lecture the classroom portion of the Motorcycle Safety Foundation's Better Biker program. Also on the meeting agenda is discussion concerning a design for club letterhead, a club membership card and a camping trip. Dues will be collected and T-shirts and club patches will be for sale.

The meeting will be held Thursday, Oct. 16 at 7 p.m. in room E-601.

Ride aware — show you care.

AXA

Lambda
Chi Alpha

**By Thomas Roberly
Wish Kappa**

It is a fundamental principle of Lambda Chi Alpha that no finer means is offered than the brotherly association of men with similar tastes, inclinations and ideals. Don't just watch us grow, help us grow. For those of you who are interested in Lambda Chi Alpha, don't hesitate to stop one of us if you have any questions or call Recruitment Chairman Robert Ricci at 255-9846. We also hold meetings every Monday at 7:30 in W-306, check out board in the U.C. for proper attire.

Congratulations to Hendry Betts, John Clark, Steve Foras, Gary Risenboush, Tom Ross, Eric Shannon, Matt Walbour, Bill Watson, Rolf Capel, Chuck

Vandenbosche, Howard Malnes, Dave Fulton, Doug Nelson, Mike Merkel and Greg Friedman on their associate membership. The journey has begun!

Social Chairman Mark Zuber did it again! "Laser Floyd" at the planetarium was excellent. Yes it's true, another successful social event for Lambda Chi Alpha. Isn't it time you stopped missing the fun? The Crescents will be sponsoring a car wash on Oct. 18 at the Chevron station on the corner of Bevill and Nova roads. Don't forget to stop by.

Brother Scott Greenwood has been doing an excellent job organizing pizza night at Louies. Pizza night is every Wednesday at 7:30 so take a break from your studies and have some fun.

Lambda Chi Alpha — the fraternity of honest friendship.

SILVER WINGS — AFROTC

**By Pete Markel
Public Affairs**

The Silver Wings organization has announced the offering of Don Topolinski Memorial Scholarship in the amount of \$250 for the Fall '86 trimester. Applications may be obtained in the Student Activities Center. Completed applications are due by Oct. 27, 1986.

To qualify for the scholarship, students must have a minimum GPA of 2.5. In addition, a student must have an acceptable driving record that is void of any alcohol related convictions. Furthermore, all applicants will complete in a physical fitness test consisting of pull-ups, sit-ups, the standing broad jump and a 600 yard run. The applicants will be interviewed by a scholarship council as a future date.

Donald Topolinski was a well liked student at ERAU. He was killed by a drunk driver last Christmas. The Silver Wings Organization took on the task of keeping Don's memory alive by establishing a scholarship in his name. Their hard efforts have finally paid off with the first scholarship offering this trimester. Since Donald was an outstanding student both academically and physically, the scholarship will be awarded on the basis of grades and ability. Also, as mentioned previously, applicants are to have no alcohol related convictions as Donald's assailant now has.

With the holidays just around the corner, the members of Silver Wings urge everyone not to drink and drive. We do not want another of our fellow students to meet the same fate as Don.

**Air Force ROTC
Public Affairs**

Detachment 157 welcomes Colonel Charlie Moore, AFROTC Southeast Area Commandant, to Emby-Riddle. Hope you enjoy your visit to the nation's best AFROTC detachment. The next visitors to the detachment will be the Inspector General.

Congratulations to the following cadets: Group I — Charles Clayborne, Group II — Charles Varga, Group III — Louis Lombardi, Group IV — Phillip Gray, Group V — Andrew Hutchenson and POC Steve Collins.

Drill Competition and Promotion Tests are this week. Good luck to all flights.

Commissioning physicals at Patrick AFB are next week. Seniors, be sure to make your appointment.

Junior! ATP briefings will be on Oct. 24. The briefings will be on actual experiences of cadets who attended ATP.

The Avon Park trip is scheduled for Oct. 23. If you signed up, be at the detachment at 6 a.m. that Thursday.

The POC/GMC Golf Tournament has been scheduled for Sunday, Nov. 23 at Daytona Beach Country Club. Tee-off time is at 8:30 a.m. Sign-up sheets will be forthcoming.

Special thanks to the Medical Team from Patrick AFB.

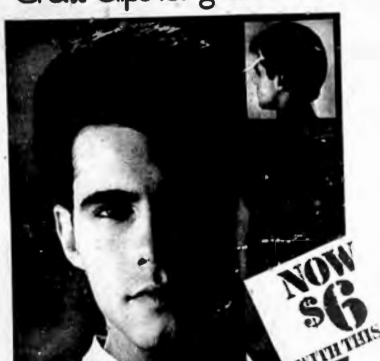
Special Price

LA PALOMA

Eric Shannon, Matt Walbour, Bill Watson, Rolf Capel, Chuck
Lambda Chi Alpha — the fraternity of honest friendship.
interviewed by a scholarship council as a future date.
another of our fellow students to meet the same fate as Don.
Drill Competition and Promotion Tests are this week. Good Team from Patrick AFB.

Special Price for E-RAU Students

Great Clips for great chins.



Nobody else has your looks. And after you've had your hair done at Great Clips, nobody will look as fantastic as you either. Always a quality wet style cut and blow-dry. And you never need an appointment (except for perms). So come on in.

Great Clips \$7
Nobody does you like we do:
Volusia Point
(Next to Mr. Gatti's)
255-7701

LA PALOMA FITNESS CENTER Inc.


FREE TRIAL WORKOUT

- Free weight area
- Complete all chrome training system
- Aerobic classes
- Electric exercise cycle
- Locker room and showers
- Juice and protein bar
- Specific conditioning for beginners and advanced

Individual physical profile charts
4,000 sq ft workout area
Outdoor deck on the pier

HOURS:
Monday - Friday
9am to 9pm
Saturday
9am to 6pm

761-9090



Now Road → N
Highway →

Located in rear of La Paloma Bowling Lanes
2728 Highway 19
South Daytona

- Membership can be frozen for vacation
- Student discount rates
- Daytona's newest facility
- Co-Ed

FLIGHT TEAM

By Emma Jane McDonald
Team Correspondent

The results are in! After many weeks of test taking and flying, the competition team has been selected. Those chosen will go on to compete in this year's NIFA Regionals in November. Mike Wiggins, head coach, said that the selection process was "far from an easy choice." Congratulations are in order for Doug Trent, Chuck Clute, John Wassong, Collin Asckun, Buck Wyszynski, Dave Dodson, Flip Smith, John Walsh, Steve Haddad and Dan Ferrachio. These team members were chosen on the basis of accuracy landings,

preflight, aircraft recognition and navigation knowledge along with computer accuracy.

The competing members will now begin many long hours of practicing. These practices will not be limited to just flying. The ground events account for the better part of the scouting in the NIFA meets. So, many an afternoon and weekends will be dedicated to strategies and guidance in the ground events.

With the regional competition around the corner, not only the team but the community is becoming involved in the arrangement. Some of the sponsors for the events include Embry-Riddle, Presidential Airways, the

U.S. Marine Corp and Costa Del Mar Sunglasses. The flight team is also working closely with the tower and the air traffic controllers for safe weekends of flying for both the teams involved and the local traffic.

Besides the regional, the membership is still traveling to various airshows and schools representing Embry-Riddle. Last week, some members visited Seminole Community College and Valencia Community College to talk about our school.

Once again, good luck to the competing team! We are all rooting for a successful season.

ΘΦΑ Theta Phi Alpha

The pledges are Dana Conley, Christ Haeflner, Michelle Cord-

riel, Stephanie Lane, Yvonne Otero, Maria Socci and Traci Thorne.

As Greek Week will be next week, the sisters are doing some practicing. We're psyched up for some winning as well as another enjoyable time!! Good luck to every participant!

Thanks goes to Delta Chi for an enjoyable time at their all new Caddyshack party!! Fun game guys!!

The sorority will be involved in some fundraising, activities this month. Just a fun thing to do on a Friday evening at the Ocean Center.

HELICOPTER American Helicopter Society

By Steve Wooster
Club Writer

For your information - future X-wing aircraft will takeoff and land vertically using a helicopter-like rotor. Once in the air and moving forward at about 230 mph, the four-bladed rotor/wing will be stopped in mid-flight and

function as a fixed, x-shaped wing. Two blades will be swept forward and two swept back both at 45 degrees.

The X-wing was officially rolled out Aug. 19 in Stratford, Conn. and in Sept. it started a 15 month flight test program at Edwards Air Force Base, Calif. Don't be surprised if in the

future you see a helicopter flying across the sky without the rotor blades turning, it's probably an X-wing.

As always if you're interested in helicopters you're welcome to come to one of our meetings in the Faculty/Staff Lounge Tuesdays at 7 pm. We're hovering higher!

KARACHI

(continued from page 1) they would check the toilet and I better not be found in a suspicious place. The hijacker fired 3 or 4 shots through the door, upon which the driver of the steps promptly moved back. At the same time I saw the bus bearing the contingent of passengers which was about to unload, move away a little and stop there, the driver not knowing what to do. While watching the drama below, I thought that before the door gets closed if I or someone could just give the fello a shove out of the airplane the matter would be finished. It was good I didn't try - I had not seen that there was 3 other hijackers in the plane! As soon as the steps moved away the hijacker forced the stewardess to close the door. He caught her neck in his arm and held a gun to her head and made her close it. Once the door was closed I knew we would have a problem. No government will yield to demand

of such people now, and these are also stubborn people who will not close a hijacking once it started. I realized right away that there would be violence.

I heard later after we got into the terminal how the hijackers got in. Four of them came in a car that looked like a security vehicle. They had rented it in the city and had painted it like the airport security cars and three of them were wearing security personnel clothes - navy blue trousers, light blue shirts, with brass emblems. But one of them had a tan normal Pakistani outfit. When they drove up to the gate at which vehicles can enter the tarmac area, there was another car stopped there, and headed right for the Pan Am 747 standing very close to that entrance. They drove to the steps and banded up, four of them, wielding machine guns and pistols. The guard was wounded a few minutes later when the hijacker

shot out of the doorway.

A long anxious day

After getting the stewardess to close the door, the hijacker pointed his machine gun at us and told us who were in first class to stand up, put our hands up, and march back in the airplane. Naturally we did this quickly and quietly. As most of the seats in economy class were occupied, we who came from first and clipper classes crouched down in the aisles. We were ordered to put our hands behind our heads. We continued to sit on the floor in the aisles for the next 16 hours! No problem for me - I am used to sitting on the floor. But an Englishman next to me, who was vice-president of a large American bank, commented after a couple hours, "I never knew I could sit on the floor so long!"

Writing Center offers ERAU students assistance towards improving abilities

By Ehab Zaggonog
Special to the Avion

When I was a student of Embry-Riddle's Developmental English Class, HU 106, I found myself struggling through any writing assignments. Luckily, I found out about the Writing Center. Through hard work and perseverance and a good tutor, I became a better writer. I now have confidence in my writing abilities and I'm ready to take on any writing assignment with relative ease.

I'm not saying that the Writing Center will make you an Ernest Hemingway however, it certainly is an aid, even to more advanced

writers. Indeed, the Writing Center serves the entire student body. Tutors help students taking speech, history and regulations of aviation, management classes, etc. As long as the task involves writing, they can help.

During this trimester, the Writing Center is open to all students from the hours of 9:30 a.m. to 2:30 p.m., Monday through Friday.

Since the center has expanded this year, several tutors are on hand at all times for your convenience.

They not only help students in their writing, they also help students with any stage of the writing process: topic discovery, pre-writing, organizing, outlining

and revising. To ease your anxiety, know that the tutors are fellow students - some of whom started in HU 106 as I did.

Unfortunately, the Writing Center cannot help all the students who need help, only those who come. So, when you need help, why not come to A-1087 It's free.

The Avion prints club articles as a courtesy to the organizations. All chartered university groups are encouraged to submit articles and photographs for the Clubs section. Deadline for submitting articles is one week and a day prior to publication.

Welcome to:

Tom's Hairport

Styling Shop

Styles fit to be tried: Yes we do any style cut!

Wet Cut	\$8.00
Shampoo-Conditioning-Cut-Blow dry	\$10.00
Regulation Military Cut	\$5.00
Any other Military Cut	
Flat Top	\$6.50

Two stylists: Tom and Ray
(10 years experience)

Products available for home use

Located in the U.C.
Appointments & Walk-ins
Mon.-Fri. 9-5

Guaranteed Cuts

Guaranteed Cuts

her head and made her close it. Once the door was closed I knew we would have a problem. No government will yield to demand

up. Four of them, wielding machine guns and pistols. The guard was wounded a few minutes later when the hijacker

American bank, commented after a couple hours, "I never knew I could sit on the floor so long!"

I'm not saying that the Writing Center will make you an Ernest Hemingway however, it certainly is an aid, even to more advanced

their writing, they also help students with any stage of the writing process: topic discovery, pre-writing, organizing, outlining

section. Deadline for submitting articles is one week and a day prior to publication.

The adventure continues for a new crew of the Starship Enterprise next season

LOS ANGELES (AP) — "Star Trek" will boldly go where it had gone before: back to television as a new series but without Capt. Kirk and Mr. Spock. The show, which gained enormous popularity after its cancellation nearly 20 years ago, will be reincarnated with a new cast next September as "Star Trek: The Next Generation."

The first-run syndicated series will begin with a two-hour first episode followed by 24 one-hour episodes, Paramount Television Group announced at a news conference Friday.

Full details have not been

worked out, but it is anticipated the show will be set a century after the time of Capt. James T. Kirk, Spock and the Starship Enterprise. The original "Star Trek" was set 200 years in the future.

Gene Roddenberry, who created the old series, will be executive producer for the new one, said Deborah Rosen, a spokeswoman for Paramount.

"Twenty years ago, the genius of one man brought to television a program that has transcended the medium," said Mel Harris, president of Paramount Television Group.

"We are enormously pleased that that man, Gene Roddenberry, is going to do it again. Just as public demand kept the original series on the air, this new series is also a result of grassroots support for Gene and his vision."

"Star Trek" made its debut on NBC on Sept. 8, 1966. Nearly cancelled at the end of its second year because of low ratings, it returned a third year, then ended in September 1969.

But the original episodes are still aired in this country on 145 stations, and those stations have

bombarded Paramount with requests for new adventures, Miss Rosen said.

"Star Trek" has also been made into four big-budget motion pictures, with the fourth due out this Christmas.

The movies have starred the original cast of William Shatner as Kirk, Leonard Nimoy as Spock, DeForest Kelley as Dr. Leonard McCoy, George Takei as Sulu, Nichelle Nichols as Uhura, James Doohan as chief engineer Montgomery Scott and Walter Koenig as Ensign Pavel Chekov.

WHERE AM I?



This picture was taken on the Daytona Beach Campus. It is of something or someone in plain view of the discerning eye. If you think you know what or where it is, you can win a free movie rental from Show Time VCR rental. Entries must be placed in the contest box in the Avion office, and be received by Friday at 5 p.m. In case of multiple correct answers, a winner will be drawn by the Avion photo editor. Our congratulations go out to this past week's winner, our own Photo Editor, Rich Clark, who stumped everyone with his photo of the antenna and light unit on the front of the University Center.

CORRECTION

In Volume 54, Issue 5 an editorial entitled "The Riddle Run-Around", was printed in the Diversions section of the Avion. This editorial contained two errors.

It stated that every time the notice of a student-run teacher evaluation comes up, the SGA representatives are busy praising the coffee service and stating that they are too understaffed to do any serious work. The SGA has been formulating a plan to establish a teacher evaluation since the Summer A trimester.

Also noted was a \$30,000 balance in an Unallocated Funds account. While an unallocated funds account does indeed exist, its present balance is far short of the quoted \$30,000.

Directors film in St. Augustine

ST. AUGUSTINE, Fla. (AP) — The nation's oldest city has been selected as the setting for a contemporary romantic comedy to be filmed beginning in December, representatives for film producer Dino De Laurentis announced.

"Double Duty," will be directed by Peter Bogdanovich, and star Rob Lowe. A female lead has not been picked for the \$10 million to \$13 million movie.

Mark Indig, location manager for De Laurentis Entertainment Group Film Studios in Wilmington, NC., said filming will begin in December and end in late February.

"We selected St. Augustine for its historic architecture. It was the plaza, the square, the Bridge of Lions and the fort all those rolled together are the reason. It's really beautiful," he said.

The last major motion picture made in St. Augustine was about 30 years ago when "Distant Drums," starring Gary Cooper, was filmed at the fort.

Indig said Bogdanovich visited St. Augustine for two days last week and liked what he saw.

Indig first visited St. Augustine when he was scouting for locations for "The Big Chill." Beauford, S.C., was selected for that movie.

He expects to film for four or five weeks in St. Augustine before finishing up the remainder of the work in the studio.

Lowe will play a drifter who returns to his hometown. He gets called for jury duty for a trial involving his sixth-grade sweetheart. The two fall in love and the movie has a happy ending.

The producer is most interested in filming scenes at the Castillo de San Marcos National Monument, the downtown plaza, the square in front of the Lighter Museum and Flagler College.

A chase scene will be shot along downtown streets, he said.

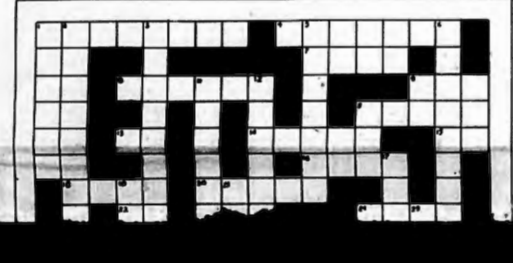
ENGINEERING WORD PUZZLE

ACROSS

1. Thermodynamic property
4. Energy of motion
7. W.G.
8. 10-3 mm
9. Atomic number of hydrogen
11. It has been proven that ant-timatter (blank)
13. That part of a jet engine which adds to the thrust by spraying fuel into the exhaust gases

34. Condition or degree producing the best results
39. Sodium
41. In contact with upper surface and supported by
44. Given or yielded freely or in large quantity
47. Functions the same as the diaphragm of an automatic exposure camera
48. An amount of substance whose mass in grams numerically equals the formula mass

21. Atomic particle which has no charge
23. Elements which have the same chemical properties but different masses
25. Most volatile part of a substance undergoing distillation
26. The ratio of the change in length to the total length is called (blank) strain
29. Vertical speed of a falling body at which the force of air resistance is just sufficient to



balance in an Unallocated Funds account. While an unallocated funds account does indeed exist, its present balance is far short of the quoted \$30,000.

\$10 million to \$13 million movie. Mark Indig, location manager for De Laurentis Entertainment Group Film Studios in Wilmington, NC., said filming will begin in December and end in late February.

St. Augustine for two days last week and liked what he saw. Indig first visited St. Augustine when he was scouting for locations for "The Big Chill." Beauford, S.C., was selected for that movie.

In filming scenes at the Castillo de San Marcos National Monument, the downtown plaza, the square in front of the Lighter Museum and Flagler College. A chase scene will be shot along downtown streets, he said.

Entries must be placed in the contest box in the Avion office, and be received by Friday at 5 p.m. In case of multiple correct answers, a winner will be drawn by the Avion photo editor. Our congratulations go out to this past week's winner, our own Photo Editor, Rich Clark, who stumped everyone with his photo of the antenna and light unit on the front of the University Center.

ENGINEERING WORD PUZZLE

ACROSS

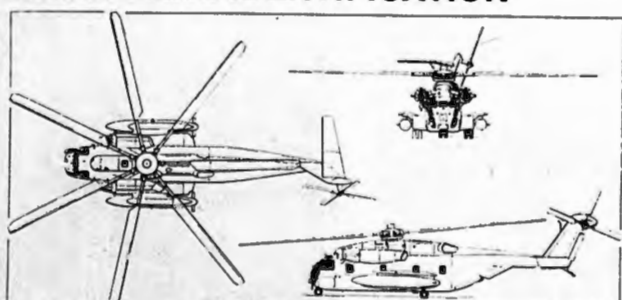
1. Thermodynamic property
4. Energy of motion
7. W.G.
8. 10-3 mm
9. Atomic number of hydrogen
11. It has been proven that ant-timatter (blank)
13. That part of a jet engine which adds to the thrust by spraying fuel into the exhaust gases
14. A ball undergoes angular displacement when it (blank)
15. Symbol for Tensilon
16. Mass to which a force of 1 lb. will give an acceleration of 1 ft per second squared
18. A passage out
20. Deep space is said to be (blank) of any atmosphere
22. Symbol for nickel
24. Joules per second
27. A vector quantity which may be described only with reference to more than 3 components
28. Symbol for the element which has an atomic number of 140.907
30. Mechanical Engineering
31. Short for radian
32. True horsepower

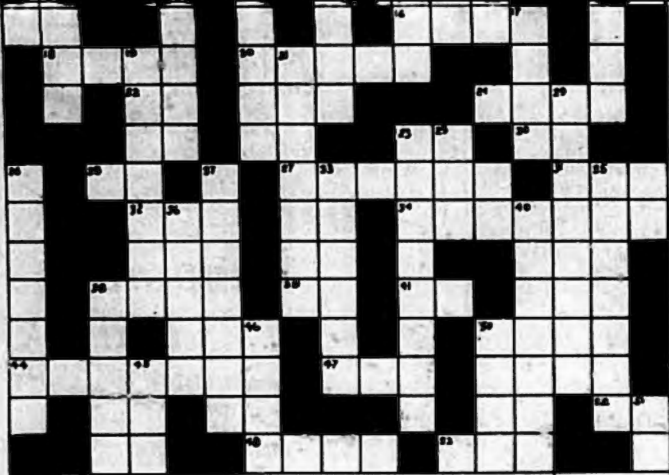
34. Condition or degree producing the best results
39. Sodium
41. In contact with upper surface and supported by
44. Given or yielded freely or in large quantity
47. Functions the same as the diaphragm of an automatic exposure camera
48. An amount of substance whose mass in grams numerically equals the formula mass
52. What this puzzle wasn't
53. To fix a color in

DOWN

21. Atomic particle which has no charge
23. Elements which have the same chemical properties but different masses
25. Most volatile part of a substance undergoing distillation
26. The ratio of the change in length to the total length is called (blank) strain
29. Vertical speed of a falling body at which the force of air resistance is just sufficient to balance its weight
33. To attain orbit a rocket must at (blank) velocity
35. 20 to 20,000 vibrations per second
36. Velocities above Mach 5 are said to be (blank) sonic
37. (blank) ("rometer (two words)
38. Assumed path of an electron around the atomic nucleus
40. Having an opposite direction of change in variable
45. Outsid of
46. A double salt having the general formula of M₁(SO₄)₂·M₂(SO₄)
50. Effects discovered by physicist Foucault are called (blank) current
51. Symbol for the element Zirconium

AEROPLANE IDENTIFICATION





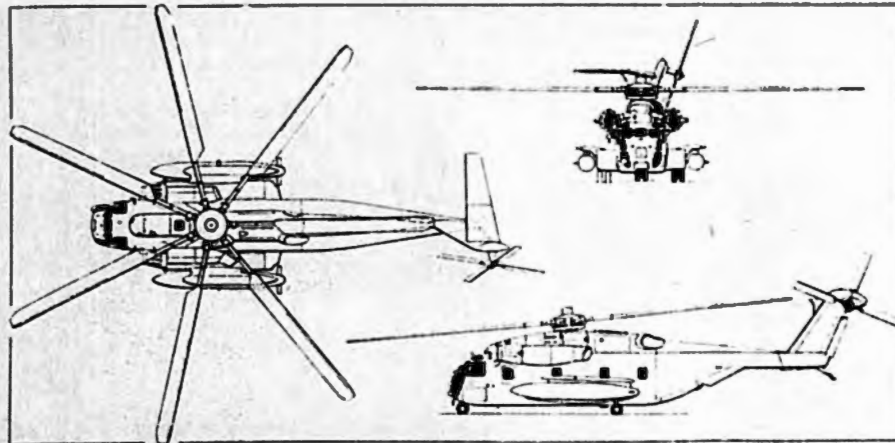
9. Atomic number of hydrogen
11. It has been proven that antimatter (blank)
13. That part of a jet engine which adds to the thrust by spraying fuel into the exhaust gases
14. A ball undergoes angular displacement when it (blank)
15. Symbol for Terbium
16. Mass to which a force of 1 lb. will give an acceleration of 1 ft per second squared
18. A passage out
20. Deep space is said to be (blank) of any atmosphere
22. Sym^{bol} for nickel
24. 1 Joule per second
27. A vector quantity which may be described only with reference to more than 3 components
28. Symbol for the element which has an atomic number of 140,907
30. Mechanical Engineering
31. Short for radian
32. True horsepower

- diaphragm or automatic exposure camera
48. An amount of substance whose mass in grams numerically equals the formula mass
52. What this puzzle wasn't
53. To fix a color in

26. The ratio of the change in length to the total length is called (blank) strain
29. Vertical speed of a falling body at which the force of air resistance is just sufficient to balance its weight
33. To attain orbit a rocket must attain (blank) velocity
35. 20 to 20,000 vibrations per second
36. Velocities above Mach 5 are said to be (blank) sonic
37. (blank) Pyrometer (two words)
38. Assumed path of an electron around the atomic nucleus
40. Having an opposite direction of change in variable
45. Outsid of
46. A double salt having the general formula of $MM_1(SO_4)_2 \cdot H_2O$
50. Effects discovered by physicist Foucault are called (blank) current
51. Symbol for the element Zirconium

- DOWN —————
1. Cannot be created or destroyed
 2. This element has an atomic mass of 14,0067
 3. Constant energy process
 5. A force applied for a certain length of time
 6. Mass anywhere in the universe remain (blank)
 10. Absolute temperature
 12. A force which is perpendicular to a surface is said to be (blank) to the surface
 17. Unit mass frequently employed in physics
 19. Property of a body by virtue of which a net force is required to change its motion

AEROPLANE IDENTIFICATION



THE FIRST EXACT ANSWER presented to the AVION of the identification of this aircraft will win a free one trimester subscription of the AVION, sent anywhere they want. The Student Publications staff, previous winners, and their families are not eligible.
We didn't have any winners last week to the Identification

of the mystery airplane, so this week we're giving you an easy aircraft to identify. Drop your entry off, in an envelope marked aircraft identification contest, to the the Avion office (upstairs in the U.C. next to the patio).
The correct answer to last weeks puzzle should have been the Fairey Britten-Norman Mainlander utility transport.



"In the Cockpit"
The Avion, March 14, 1969

By Cam McQuaid
Cartoonist

autos for sale

'79 VW BIROCRO - Lot of accessories... 2300, o.b.o. call 232-7774.

'76 TRAMS A4 - 400 Pontiac engine, A/C, air wheel, power brakes, steering and windows...

'71 RED CORVETTE STINORAY - Class, 320, 150 HP, Aero. st., P.F.S., 2/8/80, 1 speed, Custom front end...

'76 CAMARO - New engine and transmission. Call for details. 15000 req. 232-5842 call for info.

VW DUNE BUGGY - \$1100, o.b.o. call 232-7774.

'69 CHEVELLE MALIBU CONVERTIBLE - Dismantable car, P.F.A.T., 207-V6. Good tires. Call 232-4542 after 5p.m.

4 CYL. FORD BENTLEY WAGON - New engine, plus four extra set of Miraflores tires. Also call for more info.

'78 JEEP CHEROKEE CHIEF - Quadra-trac, A.C., P.S., P.B., AM/FM stereo, 2nd door, 2nd seat, 2nd floor. Call 237-4911 or box 1091.

'74 MERCURY MONTEGO - In cold air conditioning, power steering and brakes, AM/FM stereo cassette, air bonnet, a very dependable car. \$3000 call Lisa before 6 p.m. 232-2643 after 6 p.m. 232-3282.

'82 TURBO PUECO - Loaded sacrifice \$7700 call Jeff at 232-7202.

'78 FORD GRANADA - 4 door, new battery \$900 or best offer. Call 788-4498 or 232-7202.

'78 TOYOTA COROLLA - Blue, excellent condition with A/C tire glasses. \$1200 o.b.o. call 232-0979.

'79 VW BIROCRO - Lot of accessories... 2300, o.b.o. call 232-7774.

'79 FORD VAN - White, 4 coupe seats with Call conversion, new tires, rebuilt engine. \$2900 call now 232-0979.

'78 BUICK REGAL (TURBO) - Very good mechanical condition, run very good. Includes: New Turbo, New Transmission, oversized carburetor. All guaranteed. Chms, no reqs. \$1400 call Eliah at 238-1129.

'79 YAMAHA RD-400 - Daytona special. Very clean and very fast. Includes cover. \$800 call Mike at 232-3633.

KAWASAKI 400 LTD - 15,000 mi., runs great. Needs one tire. Asking \$295 call 677-3413.

'84 INTRON 3000 - 12,000 mi., one owner, lower complete maintenance records, comes with lower padded gas tank, noise huggie rack and helmet. \$1800 call Dave at 232-3689 or contact box 3112.

MOPED - Giardi moped for sale. Runs good. \$75 call Dave at 237-3009 after 5 p.m. or box 4415.

'82 MAXIM X - Fast stock, most sell \$3400. Call Jeff 232-3702.

'79 HONDA 750 CB - Good shape, better pipes, will cover good offer. Call Greg at 232-3035.

'81 SUZUKI GS 430 E MODEL - Some rust, needs some work, but reliable transportation. \$330 o.b.o., contact Larry 763-4739 before noon or after 6:00 p.m.

HONDA SCOOTER - 1983 Elite 150, 1984 Elite 125. Offers at 788-8988.

'83 KAWASAKI KZ250 - Fast and clean bike. New battery and front tire. Sell for only \$925 call. Call Greg at 232-9999 or box 3963.

rooms for rent

1979 Yamaha DOC 700 23,000 Miles Good Shape. MUST SELL!! Call AJ at 761-3100

ROOMMATE NEEDED - One needs to share a two bedroom, single bath apartment. I'm a senior in Air School and I need someone to split expenses with. If interested call 238-7686. Serious inquiries only.

ROOMMATE WANTED - For 3 bedrooms house with 2 1/2 baths (O'Connell). Located near Super-N and laundry mat. Offer neighborhood \$160 per month plus 1/2 utilities. Male or female. Non-smoker preferred. Max 677-9471 or box 1071.

ROOMMATE WANTED - One room available in a four bedroom house. 3 miles from campus. Looking for a nice and clean, no-smoker. \$300/month. Pay by contract. Call Dave at 232-7378.

ROOMMATE NEEDED - One year contract. Need one room in a 2 1/2 bath, AC, year/room/month \$187.50, 1/2 electric, 1/2 phone. If interested call 763-5448 after 5 p.m. or Lisa.

ROOM FOR RENT - Furnished with complete washroom, red of house, nicely furnished. \$142 per month plus uti. Available Tues. 15 call Scott at 232-7638.

TWO ROOMS FOR RENT - Private home, pool, fireplace, N90 pt., about 1 1/2 miles from ERALL. \$185 rent, \$182 deposit and there utilities. Call Scott 232-5487 evenings.

FOR RENT - TOWNHOME-3 bedrooms, large fireplace, skylight, pool, patio, air, VHS/DVD appliances. Decorator carpet and wallpaper. \$450 plus security. Call 672-2549 or 672-9497 evenings only. No pets.

APARTMENT FOR RENT - two bedrooms, furnished. \$250/mo. plus \$200 security deposit. All utilities included in the rent. Call 232-3404 after 10 a.m.

roommate wanted with caveat and heavy duty hardware, excellent condition \$850. Call 767-0137 or box 7042.

SAILBOARD - 7m foot Alpha competition base sailboard complete. \$600 call 672-3748 after 5:00 p.m.

FOR SALE - Bass amplifier. Kenyon RB-1's speaker. Sold new \$575, excellent condition. \$200 o.b.o. Also, Electro-voice stereo speakers in bag-end cabinets 300 watts max per cabinet-18 hrs. 12" midrange, 15" 10 hours. \$1000 recorded under \$900.00 is. Mary at 672-2514

FOR SALE - Kenwood 99 at receiver. 395. Tooburn variable with studio technician. \$40. Both for \$120. Call 232-7774.

FOR SALE - AVSTAR barely used wood mount. \$40 call Mary at 672-2514.

FOR SALE - Canon AE-1 program 31 mm camera. Includes polarizing filter. New! \$215 call Bobby at 761-7197 or box 3437.

FOR SALE - Konalator portable refrigerator. 110 V.A.C. 12 V.D.C. with converter and light. Higher gal. Call Bobby at 761-7297 or box 3437.

FOR SALE - Excellent condition. Only one used motor in fresh water. Call Eric at 238-8581.

COMPUTERS - Apple IIe. Two 8" disk drives. Egon program (full text) many books, pro dot disk and books. Macintosh complete system. \$23-7415 ask for Chuck, after 5 p.m. leave message.

SCUBA GEAR - 2 80 aluminum, set tank, regulator, depth and pressure gauge. Don Baugick, selling soft bands complete. \$800 call 673-2752 daytime. 672-5138 on evenings.

FOR SALE - 10 speed bicycle, dependable, many extras \$100. Side-by-side refrigerator, large capacity \$125. Queen size water bed, complete with heater, liner and headboard \$125. Duster, 6-drawer \$50. Ludwig 3-piece drum set, 3 nylon symbols complete with cases and heavy duty hardware, excellent condition \$850. Call 767-0137 or box 7042.

FOR SALE - Vacuum cleaner-Electric broom \$15. Fishing rods and creel for trout, pier and boat use. Outboard motor 9.9hp Johnson \$600. Boat trailer. Magic ski 11-19 ft. boat capacity, net \$750. Golf clubs, carry bag \$10. Bing, cart combo \$30. Call 232-4063.

FOR SALE - 4 light oak mirrors, \$10 m. 6 oz chairs, \$12 m. 1 dresser 9 drawers. 5 1/2 w all lamps, \$7 m. Call 232-4785 or box 7042.

FOR SALE - Agafrostic 643 CS dialing electronic flashcube with micro processor and digital LCD readout. Guide number of with 100 ISO film. 6-yr-pan. 100 sec. auto. Includes model and flash kit included. Asking \$75 w/ Mark in the Avion office or tel. 1082.

FOR SALE - Misc sofa \$100 o.b.o. Contact Greg 232-9899 or leave a message at box 5459.

FOR SALE - 1 1/2" x 1" size mattress and bed spring. new sheets included. \$25 call Bob Chapman at 237-6416 or t.m. 7235.

miscellaneous

WANTED - My travel and tourism, and operation of individual management book that was stolen from Ocean Hill parking lot on 9-29-86. Very important notes in book. \$100. No questions asked. Box 2032.

REWARD - \$1000 for any and all information leading to the arrest and conviction of person or persons guilty of waiting a person on 9-19-86. Contact Green Camacho (Toreto) and a 1978 Emory Green Camacho (Toreto) on the morning of September 26, between the hours of 5:00 a.m. and 7:40 a.m. at the Camelia Court apartments. All info kept confidential!! CONTACT box 1137.

\$13.35 that's what your commercial insurance SEI is going to cost you on your ERALL. You might not start trying until 1987. Inevit. if you can have it all in April for \$695! I'm an ERALL trained instructor and you'll find ERALL 141. Call me now and let my firm for Christmas!! Call Scott at 237-3718.

DRUMMER NEEDED - For college band. Drummer has provided, all you need is the talent. Contact Isaac, or Kevin 761-8642.

Start instructions you fly/hover today! Flight instructions y being made available by a recent middle schooler for a limited number of students. Call now or wait in line at school. 238-7684 ask for Paul.

Scotto Pizza logo and address: 1300 N.W. Volusia Mall (West to J.C. Penney)

Ride Like The Wind With Yamaha. Daytona Yamaha. Corner 11th St. & U.S. 1 Holly Hill. 258-0330

EBISU Japanese Restaurant. Sushi, Tempura, Teriyaki. Lunch: 11:30-2:00. Dinner: 5:00-10:00. 2470 Volusia Ave. 255-6880

Scotto Pizza invites you for lunch and dinner. \$1.00 OFF Any Whole Pie. Volusia Mall (West to J.C. Penney)

Ride Like The Wind With Yamaha. Riva Scooters by Yamaha. Most Complete motorcycle outlet. Huge Parts and Accessory Depts. Repairs on all makes. 258-0330

EBISU Japanese Restaurant. Sushi, Tempura, Teriyaki. Lunch: 11:30-2:00. Dinner: 5:00-10:00. 2470 Volusia Ave. 255-6880

Network Video Home Video Rentals & Repairs. E.R.A.U. Students Lifetime Membership Just \$15. Club rates Monday-Thursday 1st tape \$3 extra movies \$1.99 each Friday all movies \$3 Saturday 2 FOR 1 special, two movies for \$3. Over 2500 titles in stock. More weekly!

RAPID PHOTO, INC. 1 Hour Photo. 10 Percent Discount to ERAU students and faculty. FUJI CHROME SALE 100/24 \$3.08. Located Across from Speedway 1808 Volusia Ave. (904) 258-5051

EBISU Japanese Restaurant. Sushi, Tempura, Teriyaki. Dinner: 5:00-10:00. 2470 Volusia Ave. 255-6880

TYPIST - If typing is demanded and a ton is what you've planned... For typing does right!!! Call C. J. at 756-3475, Pomo Pickers.

Please return my ceramic bucket, you know who you are. Thank, bob 767R.

AIR FORCE NAU OFFICER
OPTIMIZES
For information call Major Russ Hanner (307) 537-0209

FOR SALE
Purchase, used once, never opened, small tons. Contact Bob Head box 5322.

WANTED - New or used, Japanese Avyler. Call 258-9698, box 153 or box 3012.

\$60 PER HUNDRED PAID for remailing letters from home! Send self-addressed, stamped envelope for information application. Associates, Box 75-B, Roselle, NJ 07068

The Avon staff wishes to express its deepest and most sincere sympathy to Mr. Jan Merita and Avon staff member, Peter Merita, at the loss of Mrs. Patricia Merita.

Classifieds
Your guide to better bargains

RESEARCH PAPERS
MULTI to Computer Business
Order Online Today save 50%!! Call 800-351-9222
1102 West Ave. #209-201, Los Angeles, CA 90024
(310) 344-1100
Custom research also available - all fields

800-351-9222
Call now 800-351-9222
1102 West Ave. #209-201, Los Angeles, CA 90024
(310) 344-1100
Custom research also available - all fields



Clubs & Organizations
You have a one day extension for articles submitted on diabetic, Regular Club deadline is Tuesday at 5 P.M.



Help.
Our Cities.
Our Occas.
Our Times.
Our Forums.
Our News.
Our Aids.
Our Mountains.
Our Plans.
Our Fishes.
Our Societies.
Our Diets.
Our Lakes.
Our Territories.

Give a hoot. Don't pollute. Forest Service, USDA.

LEARN TO FLY - Private, commercial, instrument, instrument! You should! I am a flight instructor graduate from Ebbets and I am looking for students. For more information call William at 332-2601.
When it's got to be typed, here it does right. C.J. TYPING SERVICE. Pomo pickup. Call 756-3475.

WE CASH YOUR POST-DATED CHECK UP TO \$400.00 Call 756-0855

personals

MOTHER.
I'm old enough and so are you, lets do it again before I die!! I want you and you know it to tell play!
HOT AND BOTHERED

SHAWN (THE GORGEOUS BLONDE WITH THE RED BUG).
Your body is so hot!! At Spectra the other weekend, you really turned me on!! I want what you've got.
FANTASIZER

AIP PLEDGES.
Good luck on playing. Know your opponents inside and out. Have the correct attitude or else the TWIN SONS OF DIFFERENT MOTHERS will help you overcome your problems. Have a ride in the original DAYTONA BEAST!
BOYS OF RUCK, HORSE MEAT/DUG FOOD

Garfield.
So your love war sports on? Well I'm up for that. You should know that the only way I'd open is if you hold me down -back, back, hold!

CHUB CHUB.
I must admit, your body is looking great!! Keep up the good work. Aspire you need a partner to work out with, yet me, I could go for pumping some iron.
APPLE CRUNKER

SURFER.
Your body is outstanding in those blue suit outfits. Ooo la la!!!
SUNFETTE

ICE CREAM MAN.
Where do you get off jumping my case? Look here, TEXAN, I'm the president! I have total and absolute power over all seven (count them) organizations and if we fit I'll even play in traffic. I'm great; I'm superior; and I know it, because I can fit my shoes without any help, and I LIKE my bread hard - it's why I was late, so there!!!
YOUR PRESIDENT

CHUCK.
Don't ever leave on a Tuesday night again! Chuck, do you realize how we suffered under the management of the V.P.? I have a wiff neck now - thank you. You didn't even leave a copy of the constitution or Robert's rule of order. It was three chaps. You owe us, Chuck!!!
THE ICE CREAM MAN

TIGGER.
You completely misheard my self-character with that truly awful word - may you never forget the grief it caused... pain, pain, pain...!

STINEY.
Sorry about our misunderstanding! I'm looking forward to a great year! I love it!
DGO

DEAR ODIE.
Venture with thee into the stillness of the night. Clad as a gray sparrow at my desire. I await your reply within the half the post-night.
VAMPYR
"Die todten reiten schuld"

Dash.
Wakka-Wakka!!! Yes, I remember Washington. Just a minute, I've got to go check the moment out... By the way, how's Lou? Is the raising your tach sitting? Christmas is going to be great. I can tell her everything I know, and YOU can't stop me (Her, hey!!!) Give me a call sometime.
SLR

Mom.
Plan, do-it's your beer, but ain't it better for you. Thanks for the letter, and no, I DO know who I am! Get a Mercedes, it's

worth the thousands, and besides, you could go fishing in style...
The Rat

Fanny.
By the time you read this, you'll have come and gone. I hope things go/went well, and look forward to spending time with all of you in the future. Ideas, thanks for the frozen clambrothers; I thought I was in paradise, especially with the Glorifier!
The Outback Kid

Classified ads are a service provided to benefit the readership of the Avon. Ads are free of charge to students, faculty, and staff of Embry-Riddle. A \$10 charge is applied for all ads submitted by outside businesses and organizations for each column inch... of copy per week. Display ads are not permitted in the Avon's Classified Ad section.

FINALLY A FREE FLIGHT PLAN JUST FOR STUDENTS. YOU WON'T GET A BREAK LIKE THIS ONCE YOU'RE OUT IN THE REAL WORLD.

INTRODUCING COLLEGIATE FLIGHTBANK, FROM CONTINENTAL AND NEW YORK AIR.

If you're a full-time student at an accredited college or university you can join our "Collegiate FlightBank." You'll receive a membership card and number that will allow you to get 10% off Continental and New York Air's already low fares. In addition, you'll get a one-time certificate good for \$25 of any domestic roundtrip flight. Plus, you'll be able to earn trips to places like Florida, Denver, Los Angeles, even London and the South Pacific. Because every time you fly you'll earn mileage towards a free trip. And if you sign up now you'll also receive 3 free issues of BusinessWeek Careers magazine.



This Porsche 924 can be yours if you are the national referral champion.
SIGN UP YOUR FRIENDS AND EARN A PORSCHE.
But what's more, for the 10 students on every campus who enroll the most active student flyers from their college there are some great rewards: 1 free trip wherever Continental or New York Air flies in the mainland U.S., Mexico or Canada.

Or the grand prize, for the number one student referral champion in the nation: a Porsche and one year of unlimited coach air travel.

And how do you get to be the referral champion? Just sign up as many friends as possible, and make sure your membership number is on their application. In order to be eligible for any prize you and your referrals must sign up before 12/31/86 and each referral must fly 3 segments on Continental or New York Air before 6/15/87. And you'll not only get credit for the enrollment, you'll also get 500 bonus miles.

So cut the coupon, and send it in now. Be sure to include your current full time student ID number. That way it'll only cost you \$10 for one year (\$15 after 12/31/86) and \$40 for four years (\$60 after 12/31/86). Your membership kit, including referral forms, will arrive in 3 to 4 weeks. If you have a credit card, you can call us at 1-800-255-4321 and enroll even faster. Now more than ever it pays to stay in school.

SEND ME UPON (if you prefer, enclose 1 US \$10.00 / 3 US \$25.00 / 4 US \$40.00) Name _____ Date of Birth _____
City _____ Address _____ Zip _____
Business Address _____ Zip _____
I'm now enrolling in a _____ Year of Enrollment _____
 Check All Years Under Fresh Year PLEASE DON'T SEND CASH
 Amount on Express Visa MasterCard Discover/Chase
Account Number _____ Expiration Date _____
Signature _____
IF YOU ARE A SENIOR OR APPLICANT UNDER THE AGE OF 16, The undersigned is the parent/guardian of the membership applicant named in this form, and I agree to hold the parent/guardian responsible for the payment of the membership fee.
Signature _____
Send this coupon to: Collegiate FlightBank, P.O. Box 20066, Houston, TX 77279
1273

CONTINENTAL NEW YORK AIR

Some restrictions apply for domestic travel and airport transportation. Complete rules and conditions of program and restrictions of program will accompany membership kit. Limited restrictions apply. Certain fares and routes are restricted for each year of membership. To obtain this prize in connection with referral program, you must apply to participate by 01/01/87. US domestic flights only. US and Canada. Students must be between the ages of 18 and 24. New York Air flights, business fare, and taxes are the responsibility of the recipient. © 1988 Continental Air Lines, Inc.

Avion Football Pool

Dash .690%	The Greek .740%
★ Chicago at Minnesota	
★ Dallas at Philly	
Detroit at LA Rams ★✓	
Green Bay at Cleveland ★✓	
Houston at Cincinnati ★✓	
★ LA Raiders at Miami ✓	
★ New England at Pittsburgh	
★ NY Giants at Seattle	
St. Louis at Washington ★✓	
San Diego at Kansas City	
✓ San Francisco at Atlanta ★	
Tampa Bay at New Orleans ★✓	
Indianapolis at Buffalo ★✓	
Dash picks ✓	The Greek picks ★

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

NAME:

ERAU BOX:

To enter this weeks Avion football pool, cut out this entry form and circle who you think will win the matchups above.

Deadline for entries will be Friday, Oct. 17th at 3 p.m. Entries can be dropped in the campus mail slot or brought to the Avion Sports Box.

A winner will be selected by the next issue. Winners are selected on the basis of the number of correct answers made on the entry form. Should a tie occur, the winner will be selected by the most accurate prediction of any game

listed. For instance, a person who guessed a score of 24-20, would have a total of 44 points. If the game score was 27-24 (a total of 51 points) a difference of 7 points exists. The closest score will be considered the prediction which comes the closest to both teams points.

The winner will receive "The Student's Guide to Campus Life at ERAU" by Bill Myers.

One entry per person. Remember to select a winner for every game.

This weeks winner is Eric Graff with 10 out of 13 correct.

Football

Sick Fox	41
Daytona 49'ers	6
Wolf Pack (tailhookers)	31
brew Crew	12
"Q" 11's	7
Sigma Chi	7
O.F.W.'s	6
Alpha Eta Rho	18
Vets Club	0
Pine Lakers	18
Romeo Rubies	0
Delta Chi	16
Lambda Chi	0
Steve's Seallions	14
12 Faces of Death	6
Can't be Stopped	19
Dogs	18
Sigma Pi	6
Riddle Rowdies	forfeit
Windsurfers	7
Air Force 1	forfeit
Bombers	7
Beavers	forfeit

Basketball

Falcons	20
Knights	12
Sub Dudes	20
White Boys	19
The Downtowns	20
Lambda Chi 2	forfeit
Windsurfers	20
Kneller	18
Rebels	20
Snowmen	11
Air Force	20
Fly Boys	15

ERAU Volleyball

Results

Phi Sigma Jama	2
Chameleons	0
Belview Crew	2
Silver Hawks	0
A.I.A.A.	1
Sierra Hotels	1
Delta Chi	2
SPUDS	0
Arians	1
T.H.E.M.	1
Fuzzy Navel Boys	2
Lambda Chi 1	0
A.U.S.P	1
Lambda Chi 2	1
Army ROTC 2	1
Pie Men	1
Fuzzy Navel Boys	2
Wing Nuts	0
American Helicopter	2
Army ROTC 3	0



The Belview Crew spikes their way to a 2-0 victory over the Silver Hawks

Standings

Downtowns	2 0
Rebels	2 0
Windsurfers	2 0
Kneller	1 1
Falcons	1 1
Airforce	1 1
Whiteboys	1 1
Lambda Chi	0 2
Quebers	0 2
Subdudes	0 2



University Basketball featured this tough game between the Knight and the Falcons

After reading this entry form, a winner will be selected by the most accurate prediction of any game

This weeks winner is Eric Graff with 10 out of 13 correct.

Air Force	20
Fly Boys	15

Quebers	0 2
Subdude	0 2

University Basketball featured this tough game between the Knight and the Falcons

701 South

As always, there is NEVER an admission fee for Riddle students!*

TUESDAY NIGHT IS COLLEGE AND FRATERNITY NIGHT AT 701 SOUTH MAX HEADROOM T-SHIRTS AND 16oz. ERAU BEER MUGS WILL BE GIVEN AWAY COME PARTY 701

Cleared for the approach!

MONDAY - ATTENTION DAYTONA'S HOTTEST DANCERS. 701 SOUTH IS LOOKING FOR YOU! MONDAY NIGHT IS HAWAIIAN TROPIC DANCE CONTEST NIGHT WITH FREE DRINKS FROM 9PM TO 12PM.

TUESDAY - COLLEGE AND FRAT NIGHT! FREE ERAU 16oz BEER MUG AT THE DOOR TO ALL STUDENTS WITH VALID ERAU ID! BRING MUG WITH YOU ANY NIGHT AND FILL IT WITH HEINEKEN DRAFT FOR A BUCK!

WEDNESDAY - 701 SOUTH PRESENTS MULTIPLE SCLEROSIS ROCK-A-LIKE NIGHT! LIP SYNC YOUR WAY TO STARDOM AND CASH PRIZES WHILE HELPING FIGHT MULTIPLE SCLEROSIS LADIES DRINK FREE FROM 9PM TO 1:30AM THURSDAY - UGLIEST JOKE CONTEST AND FREE DRINKS! STUDENTS COME PAY A BUCK TO TELL YOUR UGLIEST JOKE AND THE BEST JOKE WILL WIN PRIZES. PROCEEDS TO HELP BUST MULTIPLE SCLEROSIS

FRIDAY - DRINK TWO FOR ONE DRINKS AND THROW PIES AT YOUR FAVORITE BARTENDER! BUY A PIE FOR 5 BUCKS. PROCEEDS TO HELP BUST MULTIPLE SCLEROSIS

SATURDAY - TWO FOR ONE DRINKS AND COME FIND THAT SPECIAL NUT OR BOLT AT THE NUT AND BOLT PARTY! LADIES GET THE NUTS AND GUYS GET THE BOLTS AND THEN COMPARE TO SEE IF THEY FIT TOGETHER! MATCHES WIN A DINNER FOR TWO!

EVERY SUNDAY COMES SUNDAY BLOODY SUNDAY COME HEAR NEW WAVE PROGRESSIVE MUSIC COME DRINK HEINEKENS FOR A BUCK ALWAYS 2 FOR 1 DRINKS AT 701 SOUTH COME PARTY 701

*Except free drink nights

701 South Atlantic Avenue, Daytona Beach 255-8431