

5-21-1986

Avion 1986-05-21

Embry-Riddle Aeronautical University

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

Scholarly Commons Citation

Embry-Riddle Aeronautical University, "Avion 1986-05-21" (1986). *Avion*. 560.
<https://commons.erau.edu/avion/560>

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.

Blood Drive Next Week
Wednesday, May 28
9 to 5 in the U.C.
Sigma Chi, Red Cross
sponsors

Inside This Week

■ **Good news and bad**
 ERAU summer life kicks off page 2

■ **Delta, GOES down**
 Problem short circuits flight page 5

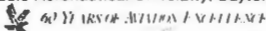
■ **Top Gun reviewed**
 It's better to look good... page 4

■ **Faculty play around**
 Corporate Cup finale disclosed page 6

AVION

An Award-Winning Collegiate Newspaper

Embry-Riddle Aeronautical University, Daytona Beach, Florida



Volume 53, Issue 1

May 21, 1986

SGA reps consider ERAU radio station

By J. Miguel Vidal
 Avion Staff Reporter

The Student Government Association, in connection with Air Science instructor Dan Sobien and a group of students, is currently working on a proposal directed towards the university to justify the establishment of a radio station on this campus.

According to Dan Sobien, the radio station would be an ideal system of conveying information through the university. He also feels that it would help to promote Embry-Riddle around the area.

The proposal calls for a low frequency FM-stereo station (between 80 and 92 MHz) with 3000 watts of power, which could cover an area of a fifteen-mile radius.

According to Sobien, the station would be commercial free, and thus be different and more interesting than other stations around Central Florida. Programming would include news, weather reports and forecasts, continuously updated P.Q. status, and special information

favor, 8.5 percent are against, and 2.2 percent are undecided.

The university administration also seems to like the idea of an on campus radio station. "They think it is a fantastic idea," Sobien stated.

The ERAU Prescott campus is currently looking into getting a small campus radio station. It would have power to cover only an area with a one-half mile radius, and should begin operating by Fall 1986. There are many other college stations around Florida, such as WUSF from the University of South Florida, four radio stations from the University of Florida, and WUCF from the University of Central Florida. WUCF has a FM-stereo station with 8000 watts of power. It has a staff of about thirty people, and a yearly budget of almost 100 thousand dollars.

Since the decision on this radio station will have to be made by the students, a major survey will be conducted by the Student Government during the first days of the Fall trimester. If the idea is



University offers Airway Science course choices

By Steve Cagle
 Avion Staff Reporter

The University has begun to offer three new degree programs under the overall heading of Airway Science. The specialties encompassed in this new curriculum include Aircraft Systems Management, Computer Science, and Aviation Maintenance Management.

According to Associate Professor Bruce Morris, the Airway Science degree curriculum was, "Essentially the brainchild of former FAA administrator Lynn Helms." The program was established to help provide an education that would prepare students for employment with the FAA and was developed after discussions between the FAA and the University Aviation Association (UAA). Helms recognized the future need for professionals in various areas of aviation and the fact that training would best be accomplished at the college level.

The Airway Science program blends hard science, management, humanistic, and a special

ERAU radio station

By J. Miguel Vidal
 Avion Staff Reporter

The Student Government Association, in connection with Air Science instructor Dan Sobien and a group of students, is currently working on a proposal directed towards the university to justify the establishment of a radio station on this campus.

According to Dan Sobien, the radio station would be an ideal system of conveying information through the university. He also feels that it would help to promote Embry-Riddle around the area.

The proposal calls for a low frequency FM-stereo station (between 80 and 92 MHz) with 3000 watts of power, which could cover an area of a fifteen-mile radius.

According to Sobien, the station would be commercial free, and thus be different and more interesting than other stations around Central Florida. Programming would include news, weather reports and forecasts, continuously updated P.Q. status, and special information concerning the university. It would also include an extensive variety of music block types, from Classical and Raggae to Top 40.

The new radio station would be mainly funded by the S.G.A. and by university loans. It would also receive part of its budget from sponsors around the area.

According to Lora Bzezinski, S.G.A. Vice-President, a small increase of two or three dollars per student on S.G.A. fees might be needed to accomplish such a project.

A survey conducted by the SGA concerning the popularity of a radio station and the increase of S.G.A. fees shows that 89.3 percent of those polled are in

favor, 8.5 percent are against, and 2.2 percent are undecided.

The university administration also seems to like the idea of an on campus radio station. "They think it is a fantastic idea," Sobien stated.

The ERAU Prescott campus is currently looking into getting a small campus radio station. It would have power to cover only an area with a one-half mile radius, and should begin operating by Fall 1986. There are many other college stations around Florida, such as WUSF from the University of South Florida, four radio stations from the University of Florida, and WUCF from the University of Central Florida. WUCF has a FM-stereo station with 8000 watts of power. It has a staff of about thirty people, and a yearly budget of almost 100 thousand dollars.

Since the decision on this radio station will have to be made by the students, a major survey will be conducted by the Student Government during the first days of the Fall trimester. If the idea is approved, ERAU could have a working station within 12 to 14 months from that date.

On a historical note, the Daytona Beach campus had an on-campus Radio Station before. It had just about enough power to cover the campus area, including the dorms. However, bad management and lack of interest from the students forced the station to close down in 1982.

If you are interested in an Embry-Riddle radio station and would like to be a part of such a project, there will be a meeting on Thursday, May 22, at 7:00 p.m. in room G-109. For more information, contact Dan Sobien (Ext. 1338), or the S.G.A. office.



Blown Away...

Doc Severinsen and his band, "The Severinsen" performed Sunday at the Orlando Jazz '86 weekend. Doc Severinsen is the band leader and conductor. The band will perform at the Eola Park Band Shell on Labor Day. This was one of many festivals held around the Central Florida area during the weekend.

Airway Science course choices

By Steve Cagle
 Avion Staff Reporter

The University has begun to offer three new degree programs under the overall heading of Airway Science. The specialties encompassed in this new curriculum include Aircraft Systems Management, Computer Science, and Aviation Maintenance Management.

According to Associate Professor Bruce Morris, the Airway Science degree curriculum was, "Essentially the brainchild of former FAA administrator Lynn Helms." The program was established to help provide an education that would prepare students for employment with the FAA and was developed after discussions between the FAA and the University Aviation Association (UAA). Helms recognized the future need for professionals in various areas of aviation and the fact that training would best be accomplished at the college level.

The Airway Science program blends hard science, management, humanistic, and a special education so as to prepare individuals to work with not only machines but also with people. There are five different specialties approved by the FAA which include: management, computer science, aircraft systems management, flight, electronics, and maintenance management. ERAU is currently able to offer the computer science, flight, and maintenance management options. The University has resubmitted a proposal to have a management option included and is awaiting the FAA's approval.

One of the strongest selling points for this new program is the

See COURSE, page 10

Tragedy strikes student

Senior returns home in coma following accident

By Jim Banke

Alan DeVane, an Embry-Riddle senior, returned to Daytona Beach from Lubbock, Texas, last Friday by air ambulance. He was taken in a coma to Halifax hospital. DeVane has been in a coma since a dirt bike accident April 26, and breathes with the aid of a respirator.

Over a dozen members of his family were on hand at the Eagle Flight Center hospital when Lubbock General Hospital's air ambulance landed to a stop at 2:15 p.m. DeVane's sister Kathy, along with uncle, aunts, cousins and grandparents were distressed and quiet as DeVane was moved from the aircraft to a waiting EVAC ambulance.

Mahafey, a former ERAU student, in Lubbock for a vacation following the Spring '86 term when the accident occurred. According to his family, De and Mahafey were riding dirt bikes and were about to put them up on the truck and then Alan decided to go around one more time.



Not paying tuition bills will get tough this Fall

By Bill Fisher
 Avion Staff Reporter

In a letter, dated March 31, 1986, to all Daytona Beach Campus students, faculty and staff, Chancellor Eric S. Dixon outlined tuition and fees payment revisions for the Fall 1986/Spring 1987 trimesters.

According to the letter the revisions are intended to be interim measures pending a University

Students will have fourteen days, September 19, 1986 for the Fall 1986 trimester, and January 27, 1987 for the Spring 1987 trimester, to pay their bills. On the fourteenth day of class, September 19, 1986 and January 27, 1987 at 4:00 p.m., all bills unpaid are considered delinquent and will be charged a late payment fee of \$100.00.

Students with an unpaid balance after the fourteen-day

continuously updated P.Q. status, and special information concerning the university. It would also include an extensive variety of music block types, going from Classical and Raggae to Top 40.

The new radio station would be mainly funded by the S.G.A. and by university loans. It would also receive part of its budget from sponsors around the area.

According to Lora Bzezinski, S.G.A. Vice-President, a small increase of two or three dollars per student on S.G.A. fees might be needed to accomplish such project.

A survey conducted by the Avion concerning the popularity of a radio station and the increase of S.G.A. fees shows that 89.3 percent of those polled are in

Government by the Student Government during the first days of the Fall trimester. If the idea is approved, ERAU could have a working station within 12 to 14 months from that date.

On a historical note, the Daytona Beach campus had an on-campus Radio Station before. It had just about enough power to cover the campus area, including the dorms. However, bad management and lack of interest from the students forced the station to close down in 1982.

If you are interested in an Embry-Riddle radio station and would like to be a part of such a project, there will be a meeting on Thursday, May 22, at 7:00 p.m. in room G-109. For more information, contact Dan Sobien (Ext. 1338), or the S.G.A. office.



Avion photo by Mark Stern-Montagay

Blown Away...

Doc Severinsen and his band, "The Severons" performed Sunday at the Orlando Jazz '86 festival at the Eola Park band shell on Lake Eola. This was one of many festivals held

around the Central Florida area during the weekend. Doc Severinsen is the band leader/trumpet player on the Tonight Show hosted by Johnny Carson.

Tragedy strikes student

Senior returns home in coma following accident

By Jim Banks

Alan DeVane, an Embry-Riddle senior, returned to Daytona Beach from Lubbock, Texas, last Friday by air ambulance. He was taken immediately to Halifax hospital. DeVane has been in a coma since a dirt bike accident April 26, and breathes with the aid of a respirator.

Over a dozen members of his family were on hand at the Eagle Flight Center apron when Lubbock General Hospital's air ambulance taxied to a stop at 2:15 p.m. DeVane's sister Kathy, along with uncles, aunts, cousins and grandparents were distressed and quiet as DeVane was moved from the aircraft to a waiting EVAC ambulance.

DeVane was visiting Scott

Mahaffey, a former ERAU student, in Lubbock for a vacation following the Spring '86 term when the accident occurred. According to his family, DeVane and Mahaffey were riding dirt bikes and were about "to put them up on the truck and then Alan decided to go around one more time."

Apparently DeVane hit something in the roadway that caused him to lose control of the bike. He was thrown to the ground hitting his head. One of DeVane's four uncles explained that there was a paramedic or fire station across the road so DeVane had immediate medical attention.

DeVane, a 24-year-old Aviation Administration major, slipped into a coma right after the accident. His mother, Mrs. Alice DeVane, flew to his side within an hour of the accident according to an aunt of Alan. She has been with him in Texas since April 26.

Mrs. DeVane returned to Daytona Beach the same day her son did. She arrived at the Jack R. Hunt Memorial terminal later in the afternoon Friday. She could not fly with her son on the private hospital jet. Mrs. DeVane returned by commercial airliner.



Alan DeVane

The Daytona Beach News Journal reported Thursday night that Mrs. DeVane wanted to fly Alan home to Daytona Beach so that he could be near family and friends. The cost of the trip by air ambulance is \$3,500 — a high air fare because of the need for a portable respirator and staff of a doctor, nurse, and flight crew.

Members of the Central Baptist Church, 142 Fairview Ave, Daytona Beach, are attempting to raise money to pay for the flight. The News Journal reported that the church had raised \$300 so far. Mrs. DeVane attends church there.

DeVane's immediate family includes his mother, sister Kathy, and a brother Steve.

Not paying tuition bills will get tough this Fall

By Bill Fisher
Avion Staff Reporter

In a letter, dated March 31, 1986, to all Daytona Beach Campus students, faculty and staff, Chancellor Eric S. Doten outlined tuition and fee payment revisions for the Fall 1986/Spring 1987 trimesters.

According to the letter the revisions are intended to be interim policies, pending a University wide review of registration and payment procedures. The review will be conducted by a committee composed of administrators, faculty, and students who will be charged with the task of developing recommendations which will simplify and expedite the entire registration/payment system.

The goal of the interim procedures for the Fall 86/Spring 87 trimesters is to insure that there are no "free rides" for a small number of students at the expense of the vast majority who have been doing a fine job of meeting their payment dates.

The tuition and fees payment policy for Fall, 1986 and Spring, 1987 is as follows:

Tuition and fees are due on the first day of classes, September 2, 1986 and January 8, 1987, respectively.

The Airway Science program blends hard science, management, humanities, and a specialty education so as to prepare individuals to work with not only machines but also with people. There are five different specialties approved by the FAA which include: management, computer science, aircraft systems management (flight), electronics, and maintenance management. ERAU is currently able to offer the computer science, flight, and maintenance management options. The University has resubmitted a proposal to have a management option included and is awaiting the FAA's approval.

One of the strongest selling points for this new program is the

See COURSE, page 10

Students will have fourteen days, September 19, 1986 for the Fall 1986 trimester, and January 27, 1987 for the Spring 1987 trimester, to pay their bills.

On the fourteenth day of classes, September 19, 1986 and January 27, 1987 at 4:00 p.m., all bills unpaid are considered delinquent and will be charged a late payment fee of \$100.00.

Students with an unpaid balance after the fourteenth day of classes will have until October 9, 1986 and February 17, 1987, respectively, to either pay in full or come in and sign a promissory note in the Student Accounting Office, located in the Administration Building. Students signing a promissory note will be assessed a monthly 1.5 percent (18 percent per year APR) interest fee on the unpaid balance.

Students who do not sign a promissory note or make payment in full will be administratively withdrawn from classes as of October 9th for Fall 1986, and February 17th, for Spring 1987.

Any student administratively withdrawn cannot be reinstated and will be responsible for the unpaid balance before being allowed to register for any subsequent trimesters.



Avion photo by Mark Stern-Montagay

Alan DeVane is moved from a Lubbock General Hospital air ambulance to a waiting Halifax Hospital EVAC unit. The ERAU student has been in a coma since April 26.

Good news and bad

Summer may seem like a time to slow down and take it easy. Heat and humidity make the lure of the beach stronger than ever. With half the student population normally present, you may think that there is no news, no events, no problems — only the sand, the surf and the bonnet. Although it would seem that nothing much is happening, there was plenty of good and bad news at Embry-Riddle this past week.

On the good side: an ERAU student battled with our administration — and won.

On the bad side: student Alan DeVane is still listed in serious condition at Halifax hospital.

You may have read the story on page one about Alan DeVane, an Aviation Administration senior who is in a dirt bike accident last month. He has been in a coma, quietly racking up heavy medical bills over time. The expenses include \$5,500 for his air ambulance flight from Lubbock, Texas to Daytona Beach last Friday. His mother, a widow, has spent the last three weeks at her son's side.

Now Alan is home — he grew up in Daytona Beach and graduated from Mainland High School — and while he fights for his life, Alan's family must fight to pay the bills. So, we make a plea for donations to help pay Alan's expenses. We can't hope to pay for all the bills; but at three dollars a head, we could pay for his flight. President Tallman has said he will be the first to contribute to the Alan DeVane Fund.

With brighter spirits our collective editorial has got off to Amir Ghilasi, an ACET student who was given a failing grade this past Spring by Professor Martin in ET-403. Ghilasi earned a score of 68. Martin's syllabus states that a score of 60-70 is a "D."

Following proper University channels, Ghilasi confronted his instructor and then the program chairman. Ultimately the matter was presented to a "tribunal" according to Luther Resibig, Dean of Academics. The tribunal was made up of two professors and two students who were referred by the SQA.

The matter may not have been handled in the best way possible. According to officials, there are no written procedures to be followed in this situation where a grade is not challenged because of an accusation of cheating. As indicated, the matter was referred to a "fact-finding hearing" that Dean Martin chaired as "bearing officer." We wish we could have directly reported whatever facts were uncovered, but the Avion was not allowed to attend.

In any case, the tribunal ruled in favor of Ghilasi. The ripple effect of this is that all 5 of the students who unfairly got "F's" will now get a passing grade in that class.

Dean Resibig said that Professor Martin had been "verbally reprimanded" and "assaulted" that once the syllabus has been handed out it becomes a contract between the teacher and the student. "The whole matter was handled 'congenially and fairly and I'm satisfied.'"

We are too. The lesson here is that although it is not often that students can fight city hall and win, we're glad that when presented with the facts, the administration can reach a fair decision and be willing to slap a professor's hand. We're also glad that there are students who won't sit around and let things slide. Stand up and fight for what you deserve.

Good news and bad, summer life on campus rolls on.



College Press Service *Silvia M. Johnson*

Barbeque blues

To the Editor:

"Barbeque." What sorts of visions does that word conjure up in your mind? When I hear the word "barbeque," I see beautiful sunny days with hot dogs, hamburgers, ribs and maybe chicken flaming on a huge grill. I see people in shorts and T-shirts everywhere, a few gathered around a keg waiting for another beer, a few playing fisbee or hacky sack and everyone having a good time.

Embry-Riddle's so-called "60th Anniversary Barbeque" was far from any of these images. My friends and I were wh-

Special thanks

To the Editor:

The enclosed letter must be shared with all those, especially students, who have been responding to the needs of the poor of this area. I am edified and humbled by your charity.

I'm sure he was proud. Before the barbeque started, I thought, as many others did, that ERAU finally put together something that the students

Special thanks

To the Editor:

The enclosed letter must be shared with all those, especially students, who have been responding to the needs of the poor of this area. I am edified and humbled by your charity.

God reward you, Fr. Kenan Morris, University Chaplain and Director of Campus Ministry

Dear Father Morris, St. Vincent de Paul Society of



College Press Service *Silvia M. Johnson*

Barbeque blues

To the Editor:

"Barbeque." What sorts of visions does that word conjure up in your mind? When I hear the word "barbeque," I see beautiful sunny days with hot dogs, hamburgers, ribs and maybe chicken flaming on a huge grill. I see people in shorts and T-shirts everywhere, a few gathered around a keg waiting for another beer, a few playing fisbee or hacky sack and everyone having a good time.

Embry-Riddle's so-called "60th Anniversary Barbeque" was far from any of these images. My friends and I were what I will call "lucky" considering we were only about twentieth in line or so. If we had been unfortunate enough to have had to wait in the line that stretched far down the sidewalk near the racquetball courts, we probably

Special thanks

To the Editor:

The enclosed letter must be shared with all those, especially students, who have been responding to the needs of the poor of this area. I am edified and humbled by your charity.

God reward you, Fr. Kenan Morris, University Chaplain and Director of Campus Ministry

Dear Father Morris, St. Vincent de Paul Society of

Special thanks

To the Editor:

The enclosed letter must be shared with all those, especially students, who have been responding to the needs of the poor of this area. I am edified and humbled by your charity.

God reward you, Fr. Kenan Morris, University Chaplain and Director of Campus Ministry

Dear Father Morris, St. Vincent de Paul Society of

graduated from Mainland High School — and while he fights for his life, Alan's family must fight to pay the bills. So, we make a plea for donations to help pay Alan's expenses. We can't hope to pay for all the bills; but at three dollars a head, we could pay for his flight. President Tallman has said he will be the first to contribute to the Alan DeVane Fund.

With brighter spirits our collective editorial has got off to Amir Ghilasi, an ACET student who was given a failing grade this past Spring by Professor Martin in ET-403. Ghilasi earned a score of 68. Martin's syllabus states that a score of 60-70 is a "D."

Following proper University channels, Ghilasi confronted his instructor and then the program chairman. Ultimately the matter was presented to a "tribunal" according to Luther Resibig, Dean of Academics. The tribunal was made up of two professors and two students who were referred by the SQA.

The matter may not have been handled in the best way possible. According to officials, there are no written procedures to be followed in this situation where a grade is not challenged because of an accusation of cheating. As indicated, the matter was referred to a "fact-finding hearing" that Dean Martin chaired as "bearing officer." We wish we could have directly reported whatever facts were uncovered, but the Avion was not allowed to attend.

In any case, the tribunal ruled in favor of Ghilasi. The ripple effect of this is that all 5 of the students who unfairly got "F's" will now get a passing grade in that class.

Dean Resibig said that Professor Martin had been "verbally reprimanded" and "assaulted" that once the syllabus has been handed out it becomes a contract between the teacher and the student. "The whole matter was handled 'congenially and fairly and I'm satisfied.'"

We are too. The lesson here is that although it is not often that students can fight city hall and win, we're glad that when presented with the facts, the administration can reach a fair decision and be willing to slap a professor's hand. We're also glad that there are students who won't sit around and let things slide. Stand up and fight for what you deserve.

Good news and bad, summer life on campus rolls on.

Send your donation to help out Alan and his family to:

Alan DeVane Fund
Central Baptist Church
142 Fairview Ave
Daytona Beach, FL 32014

AVION

Funded by the Students of Embry-Riddle
1988 the Avion Newspaper

Editor-in-Chief
James A. Banke

News Editor
Bill Fisher

Copy Editor
Jeff Guzzetti

Aviation / Sports Editor
Brian Nickles

Photo Editor
Mark Stern-Montagny

Sports Editor
Larry Benninger

Advertisement Editor
Charles Corra

Advertising Manager
Tim Van Milligan

Systems Manager
Gordon F. Crago

Avion Advisor
Dr. Roger Osterholm

Lab Technician
Rob Gray

This week's staff: John Getty, Bill Fisher, Jeff Guzzetti, Patrick McCarthy, Mark Pearson, J. Miguel Vidal, Paul Novack and Steve Cagle.

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 majority of the student body.

Military schools get the budget ax

By Jack Anderson and Joseph Spear

WASHINGTON — School-age children of American military families overseas have an acute, relevant math problem to ponder this year: What will the \$26.6 billion Gramm-Rudman cut in the military school system's budget mean to them?

There are several answers to the problem, all of them correct and all of them unpleasant. To meet the 4.9 percent spending cut this year, the Pentagon issued a number of draconian orders to its dependent school administrators. Our associate Stewart Harris obtained copies of the orders; here are some of the results of the economy cuts:

programs were spared, as were the repairs (although they are to keep their repairs and maintenance to the absolute minimum).

And one popular event managed to survive even though the Pentagon canceled it as too expensive. The Pacific region's annual basketball tournament was saved when Northwest Air Lines offered to fly the competing teams to Japan from South Korea, the Philippines and other locations of military schools.

The \$26.8 billion budget cut has drawn bitter criticism from Jack Rollins, president of the Overseas Education Association, the military teachers' union. Noting that the expenditure per pupil this year—before the cut—was \$2,998.40, compared

In a written response to our inquiry, the Pentagon confirmed the budget cut, but claimed that students in the military dependent schools have scored above the U.S. average in college entrance examinations for the past 10 years.

ANOTHER NEW NIXON: A lot of adjectives have been used to describe Richard Nixon, but "charismatic" has seldom been one of them. That's exactly what he was, however, on a New York Air flight from the Big Apple to Washington the other day. He signed autographs for the flight attendants, swapped stories with the crew, chatted amiably with passengers and generally made himself the most popular person on board. When he landed, that

out-of-state checks. But Senate Banking Committee chairman Jake Garn, R-Utah, tackled the bill over general banking legislation, probably doubling it to slow death, and asthetic Democrats have declined to pressure Garn.

WATCH ON WASTE: Apparently fearful of having to forfeit unspent funds, the Coast Guard and the Maritime Administration Department auditors, the two agencies spent \$592,913 on personal computers and furniture in the three-month period, or more than half the amount spent in the entire year for such "high waste vulnerability items," they

Again, many thanks for your kind support. We certainly do appreciate you.

God Love and Bless You,
Maureen G. Blazajok

I'm satisfied."

We are too. The lesson here is that although it is not often that students can fight city hall and win, we're glad that when presented with the facts, the administration can reach a fair decision and be willing to slap a professor's hand. We're also glad that there are students who won't sit around and let things slide. Stand up and fight for what you deserve.

Good news and bad, summer life on campus sails on.

Send your donations to help out Alan and his family to:

Alan DeVane Fund
Central Baptist Church
142 Fairview Ave.
Daytona Beach, FL 32014



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

Editor-in-Chief
James A. Banke

News Editor
Bill Fisher

Copy Editor
Jeff Guzzetti

Aviation / Space Editor
Brian Nicklas

Photo Editor
Mark Stern-Montagny

Sports Editor
Larry Benninger

Entertainment Editor
Charlene Corea

Advertising Manager
Tim Van Milligan

Systems Manager
Gordon F. Crago

Avion Adviser
Dr. Roger Osterholm

Lab Technician
Rich Grey

This week's staff: John Gatsy, Bill Fisher, Jeff Guzzetti, Patrick McCarthy, Mark Pearson, J. Miguel Vidal, Paul Novacek and Steve Cagle.

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: James Banke, Bill Fisher, Gordon F. Crago, Tim Van Milligan, Mark Stern-Montagny, Jeff Guzzetti, Larry Benninger, Brian Nicklas, and Charlene Corea.

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 32014. Phone: (904) 252-5581 Ext. 1082

Embry-Riddle's, a few gathered around a keg waiting for another beer, a few playing fisbee or hacky sack and everyone having a good time.

Embry-Riddle's so called "60th Anniversary Barbeque" was far from any of these images. My friends and I were what I will call "lucky" considering we were only about twelfth in line or so. If we had been unfortunate enough to have had to wait in the line that stretched far down the sidewalk near the racquetball courts, we probably

would have Epure into the parking lot, put up a tent, brought on kegs of Busch and said "Happy 60th J. Paul Riddle!!"

I'm sure he was proud. Before the barbeque started, I thought, as many others did, that ERAU finally put together something that the students would enjoy participating in. We were obviously incorrect.

Let us hope and pray that they never take the Jazzfest and Oktoberfest away from us.
Glenn Barie
Box 6983

Fr. Kenan Morris,
University Chaplain and Director
of Campus Ministry

Dear Father Morris,

St. Vincent de Paul Society of the Epiphany, the management, volunteers of the Thrift Store and Help Center would like to offer a special thanks to you and those of you at Embry-Riddle, who have so generously donated clothing and merchandise to us.

cies in assisting those less fortunate. Not all funds are dispersed through the Help Center. Occasionally, we work in conjunction with other agencies like Catholic Social Services, United Way, H.R.S., Halifax Urban Ministries and others.

Again, many thanks for your kind support. We certainly do appreciate you.

God Love and Bless You,
Maureen G. Blazajok

Military schools get the budget ax

By Jack Anderson
and Joseph Spear

WASHINGTON — School-age children of American military families overseas have an acutely relevant math problem to ponder this year: What will the \$26.8 million Gramm-Rudman cut in the military school system's budget mean to them?

There are several answers to the problem, all of them correct and all of them unpleasant. To meet the 4.9 percent spending cut this year, the Pentagon issued a number of draconian orders to its dependents' school administrators. Our associate Stewart Harris obtained copies of the orders; here are some of the results of the economy cuts:

—Summer school schedules for 1986 have been canceled.

—All field trips have been canceled.

—A moratorium has been imposed on purchases of new textbooks and miscellaneous equipment.

—Drastic attrition of the teaching staff; one out of every three teachers who leaves the military school system will not be replaced.

—A freeze on the hiring of "special" teachers in art, music, physical education and other programs.

—A 25 percent reduction in purchases of audio-visual equipment.

A few areas in the military school system escaped the budget-cutters' ax. Pre-school

programs were spared, as were the repairmen (although they are to keep their repairs and maintenance to the absolute minimum).

And one popular event managed to survive even though the Pentagon canceled it as too expensive. The Pacific region's annual basketball tournament was saved when Northwest Orient Airlines offered to fly the competing teams to Japan from South Korea, the Philippines and other locations of military schools.

The \$26.8 million budget cut has drawn bitter criticism from Jack Rollins, president of the Overseas Education Association, the military teachers' union. Noting that the expenditure per pupil this year—before the cuts—was \$2,998.40, compared to the U.S. average of \$3,814, Rollins said the Pentagon "is in essence running one of the poorest school systems in the United States."

He added: "Unfortunately, the school system has always been a low priority...I think it's a crying shame that President Reagan thinks the Nicaraguan contras are worth more than the schoolchildren of the U.S. military."

The teachers union isn't the only critic of the cutback. In a letter to administrators, Joseph Larkin, director of the Atlantic region's military schools, wrote: "As you become aware of the cuts we have already made, you will think they are harsh. You will be right."

In a written response to our inquiry, the Pentagon confirmed the budget cut, but claimed that students in the military dependents' schools, have scored above the U.S. average in college entrance examinations for the past 10 years.

ANOTHER NEW NIXON: A lot of adjectives have been used to describe Richard Nixon, but "charismatic" has seldom been one of them. That's exactly what he was, however, on a New York Air flight from the Big Apple to Washington the other day. He signed autographs for the flight attendants, swapped stories with the crew, chatted amiably with passengers and generally made himself the most popular person on board. When he learned that the captain was a woman, Nixon stopped by the cockpit on his way out and commended her for the smooth flight. He told her it was the first time he had ever flown with a woman pilot.

BREAK FOR BANKERS: The nation's bankers will continue to enjoy the lucrative "float" on depositors' checks—the practice of using the money free for several days until they sign to let the customer write checks against the deposit. Legislation passed by the House of Representatives would force banks to make the funds available within one business day in the case of government checks and small checks, and within seven days on

out-of-state checks. But Senate Banking Committee chairman Jake Garn, R-Utah, tacked the bill onto general banking legislation, probably dooming it to slow death, and apathetic Democrats have declined to pressure Garn.

WATCH ON WASTE: Apparently fearful of having to forfeit unspent funds, the Coast Guard and the Maritime Administration spent money like the proverbial drunken sailor during the last quarter of the 1984 fiscal year. According to Transportation Department auditors, the two agencies spent \$392,913 on personal computers and furniture in the three-month period, or more than half the amount spent in the entire year for such "high waste vulnerability items." The Coast Guard even bought \$10,258 worth of telephones for delivery seven months later.

CONFIDENTIAL FILE: Libyan dictator Moammar Khadafy has reportedly threatened to allow the Soviet Union to set up a base in his country as a response to last month's U.S. bombing attack. But it's difficult to see how Libya could absorb many more Soviet bloc "advisers" than it already has. Congressional sources estimate the Soviets this way: 2,000 to 5,000 Noviers, 18,000 Romanians, 18,000 North Koreans, 10,600 Poles, 5,600 East Germans, 5,400 Czechs, and several thousand Bulgarians and Hungarians, for a grand total topping 70,000.

Avion asks: Should the S.G.A. operate a campus radio station?



Ben Barroas - "It'd be great. It's about time. The students get to pick what they want to hear. They (SGA) should do it."



Philip Nichols - "Yes, I think it would be helpful and a good campus information source. I am in favor of it."



Cliff Glass - "It might help build the school's moral a bit and reduce student apathy."



George Thomas - "Yes, I think it would be a good influence on community and the campus."



Oscar Bahamon - "I think it would be important for the school and it would help improve community relations."



Marty Campanella - "Yes, it would be a good idea. I think it would give us credibility within the local community."



STUDENT GOVERNMENT ASSOCIATION



STUDENT GOVERNMENT ASSOCIATION

New officers update students

By A.N. Prakash and Lora Bzazinski
SGA President and Vice-President

The transition into office has been challenging due to the resignation of our Secretary/Treasurer of three years, Joyce, who has left us to pursue a career in city government.

Financial activities have been delayed as a result of discrepancies between S.G.A. accounting systems and that of the University.

In spite of these drawbacks, we are actively investigating the possibility of an inter-collegiate sports team or an "improved athletics program" which would include an equipped gymnasium. Also, we have been delving diligently into a feasibility study for a campus radio station. During the Fall trimester you will be receiving questionnaires and surveys concerning both of these projects.

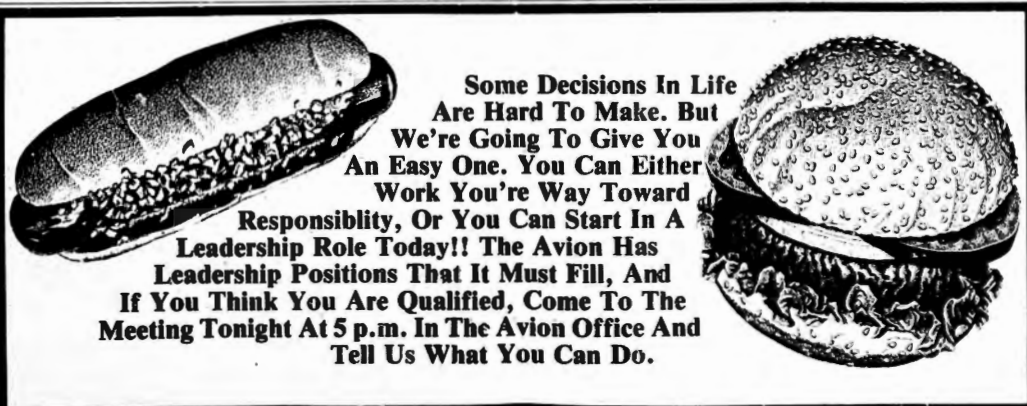
We wish to thank Dean Rockett for his cooperation in assisting S.G.A. Representative Chris Seckinger in obtaining a juke box in the University Center. Questionnaires will be available in the U.C. for students to vote for the type of music they want to hear.

This administration would like to continue the "C.A.R.A.L." service started by the previous administration. This program enables students to call the university switchboard for rides when they are too motivated to drive. However, we have a separate need for volunteers. Please contact S.G.A. Office if you would like to volunteer for this worthwhile service.

We are striving to fulfill our obligations to the student body and we encourage your interest and input. We will maintain an open door policy. Please feel free to make suggestions in our box at the S.G.A. Office. We need your support.

BLOOM COUNTY

by Berke Breathed

**Some Decisions In Life
Are Hard To Make. But
We're Going To Give You
An Easy One. You Can Either
Work Your Way Toward
Responsibility, Or You Can Start In A
Leadership Role Today!! The Avion Has
Leadership Positions That It Must Fill, And
If You Think You Are Qualified, Come To The
Meeting Tonight At 5 p.m. In The Avion Office And
Tell Us What You Can Do.**

Beechcraft Starship 1 takes flight

New high tech aircraft offers unprecedented avionics package

By Paul Novacek
Avion Staff Reporter

Beechcraft's latest venture into the business aviation market is the Starship 1. It is an all-composite canard aircraft capable of over 350 knots at 41,000 feet. Beech is taking a bold step building the Starship; no other manufacturer is design-

ing such a radical aircraft for the business set. An even bolder step is the avionics for the Starship. Consisting of 14 Cathode Ray Tubes, the cockpit is totally electronic except for back-up airspeed, altimeter, and attitude gyro. Collins, who designed the system, says that the system allows the airplane to be controlled by a single pilot. The cockpit display system is more advanced

than that flying in the Boeing 757/767 aircraft.

The space usually available in the nose of an aircraft for avionics... reduced by about half in the new Beechcraft because of its forward wing, according to David W. Mineck, Director of Systems for the Collins General Aviation Division. The latest avionics technology is used to fit the system into the limited confines of the Starship 1.

Each CRT can be used for a variety of functions — horizontal situation indicator (HSI) — horizontal situation, attitude, engine indication and crew advisory system (EICAS) or systems status reporting. If a CRT display does fail, the required information can be displayed on one of the other functioning displays. Each CRT display has its own power supply so multiple 'blackouts' are minimized.

The flexibility of the Starship 1 system is what Collins calls a "smart" computer, which minimizes pilot workload. For instance, barometric altitude is displayed on a 4x4-in. color CRT in circular analog format, with a digital readout in the center. When the aircraft ascends through 18,000 ft., the display

flashes the existing altimeter setting to remind the pilot to change the setting to pressure altitude. Likewise, when descending through 18,000 ft., the display flashes again to remind the pilot to reset the altimeter. The same display also shows vertical speed trends inside the altitude scale.

The airspeed CRT is also an analog circular format with true airspeed, outside air temperature, along with indicated airspeed. The horizontal situation indicator (HSI) displays the entire compass rose or just an arc, along with all navigational information. The radar images are also displayed on the HSI.

The engine indication and crew advisory system (EICAS) only displays that information that the pilot needs. Oil pressure and temperature are not displayed unless abnormal conditions occur, at which time they automatically appear in a vertical-scale format. The EICAS display shows an allowable over-temperature scale for takeoff, which disappears once the aircraft has become airborne and the engine must be held to lower limits.

"With traditional instruments,



Beech Aircraft's revolutionary Starship 1 all-composite twin engine turboprop lifts off from Beech Field. For its commemorative first flight, February 24, 1986.

If you lose an engine it causes many warning lights to come on, such as low level of hydraulic pressure, loss of generator and bleed air," Mineck said. These only distract the flight crew from the primary problem, he added. "The Starship 1 system is 'smart enough to know that these other problems are a result of losing the engine and so it doesn't bother the pilot by calling them out.'"

Any instance in which the engine parameters are exceeded the system records the time, amount, and date the instance occurs. This saves down time by knowing the exact condition of the engine.

The navigation system is capable of using Loranc-C, Omega/VLF, or the new Navstar Global Positioning System when it becomes available. Using two

4x4-in. CRT displays (one for each pilot) nav waypoints can be selected, along with communication frequencies for the entire flight. This system control display unit also contains a worldwide navigation data base of navigation aid locations/frequencies which can be updated every 28 days by means of a 3-in floppy disk and a loader, said Mineck.

A centrally located 6x7-in. CRT display calls up various check-lists with check-off capability built in. No fumbling through the cockpit any more with this system.

With all the advanced state-of-the-art avionics in the Starship 1, there is no doubt that it will lead the general aviation move toward more time-saving and greater capability avionics.



Starship 1's flight deck shows off advanced avionics package. The cockpit panel of Beechcraft's all composite aircraft includes 14 cathode-ray-tubes (CRT's).

Top Gun cruises with aerial shots, crashes with plot

By Jeff Guzzetti

Perhaps the most exhilarating flight scenes in motion picture history can be found in *Top Gun*, a Paramount Pictures release about Navy jet pilots. Currently playing at the Bellar Theaters in Ormond Beach, *Top Gun*'s only redeeming quality is, unfor-

tunately, the flight scenes. *Top Gun* tells the story of Lt. Pete "Maverick" Mitchell (Tom Cruise), a young dashing F-14 fighter pilot who is chosen to attend an elite weapons training school. Affectionately called "Top Gun," the school pits Maverick and his Radar Intercept Officer "Goose" against other cream-of-the-crop jet jockeys with intense competitive training

to "preserve the lost art of dogfighting." When not getting chewed out for high speed fly-by, Maverick and Goose are desperately trying to beat out "Iceman" (Val Kilmer) and "Slider," another hot shot F-14 crew. The intense competition and arrogance between Navy pilots is well portrayed in these scenes, with the audience guessing who will out

fly who in the many aerial combat scenarios. Besides the usual technical inconsistencies (like the F-14 posing as "MIG 28" and the lack of long-range air-to-air missiles on the F-14), the aerial scenes in *Top Gun* are second to none. There are many of them in the film, and they are spread out to quicken the pace of an otherwise shoddy plot. There are breathtaking shots of

F-14s taking off and landing on carrier decks, low level dogfights, and high-speed aerobics all done with excellent cinematography. As far and plot and script are concerned, however, *Top Gun* falls miserably. It's screenplay tries to be a cheap version of *An Officer and a Gentleman*. The worst aspect of the film is the poorly developed love affair between

Maverick and a *Top Gun* intelligence official (Kelly McCullum from *Witness*). The laughable relationship seems to be thrown into the plot to appease the perverts in the audience. Dedicated to the late Art Schell who died while filming aerobics for the film, *Top Gun* is worth seeing only for the jet scenes...the rest has much to be desired.

DORM FOOD

Currently playing at the Bellar Theaters in Ormond Beach, *Top Gun*'s only redeeming quality is, unfortunately, the flight scenes. *Top Gun* tells the story of Lt. Pete "Maverick" Mitchell (Tom Cruise), a young dashing F-14 fighter pilot who is chosen to attend an elite weapons training school. Affectionately called "Top Gun," the school pits Maverick and his Radar Intercept Officer "Goose" against other cream-of-the-crop jet jockeys with intense competitive training

Final Notice

Dear Landlord: It's final I'm moving to Baywood Village where I can own a two bedroom townhome for about the same monthly payment. As I'm paying you for rent, besides owning my own home, I will also build equity, hedge inflation, get BIG TAX SAVINGS and maybe show a PROFIT if I ever decide to sell. Goodbye, I have no more time to waste. Baywood Village has only 4 townhomes left.

Signed,
Your ex-tenant

BAYWOOD VILLAGE

1/4 mile West of Clyde Morris on Beville Rd. In Forest Lake Development. From the Law 50's

DORM FOOD SURVIVAL KIT

Get the Dorm Food Blues? One call to Domino's Pizza will save you! We make and deliver hot, tasty, custom-made pizza in 30 minutes or less. Or we'll take \$3.00 OFF the price of your pizza.

All you have to do is call! So ship the cafeteria. Get your favorite pizza instead.

One call does it all!

DOMINO'S PIZZA DELIVERS FREE.

Serving Embury Middle Aeronautical University
255-1711
520 N Nova Rd

Hours:
4:30PM-1AM Sun-Thurs
4:30PM-2AM Fri & Sat

Limited delivery areas. Drivers carry under \$20. ©1986 Domino's Pizza, Inc.

DINNER FOR TWO \$7.99!

Order a delicious 12" small pizza with any TWO toppings and TWO 16 oz non-returnable bottles of Coke and you pay only \$7.99! (Tax included.)

Not valid with any other coupon or offer. Offer good thru 8/1/86.

Our 12" 8-slice small pizza serves 2-3 persons.

Final Notice.

Dear Landlord:

ALL CLOSING COSTS PAID BY BUILDER

Only 2 Lakefront Homes Remain

(904) 756-0606
Models Open Daily

BAYWOOD VILLAGE

1/4 mile West of Clyde Morris on Beville Rd. In Forest Lake Development. From the Law 50's

Get Fit, Strong and Sexy for Summer at the

ULTIMATE FITNESS CENTER

• Free Weights • Programs for Beginners • Max Results • 1986

"Super Summer Specials"

- #1 Two For One. Bring A Friend And Get One Year For \$99⁰⁰ Each (Reg \$199⁰⁰)
- #2 Bring This Coupon Yourself And Get One Year For \$119⁰⁰ (A \$80⁰⁰ Savings)
- #3 Workout During The Summer 3 Months For Only \$49⁰⁰ (A \$20⁰⁰ Savings)

CALL TODAY 788-0100

2550 South Nova Road, South Daytona
Two Steps North of the Beach and Nova at Reed Canal
ONLY 5 MINUTES FROM ERAU

Delta booster fails, NASA investigates electrical systems

By Patrick W. McCarthy
Avlon Staff Reporter

CAPE CANAVERAL, Fla. — The destruction of a Delta launch vehicle May 3 has left the U.S. with only one operational weather satellite with which to monitor the upcoming hurricane season, and has grounded the only remaining U.S. large launch vehicle system.

A Geostationary Operational Environmental Satellite (GOES-G) was lost when its Delta booster malfunctioned 71 seconds after launch. The Delta was subsequently destroyed by range safety officers 91 seconds into the flight.

Pieces of the Delta have been recovered by Navy divers for use in the investigation to determine the cause of the accident.

Launch director Chuck Gay explained that the vehicle went

through a normal countdown and launch up until 71 seconds into the flight. "We had a good one going there," said Gay, but "All of a sudden it didn't happen."

This was only the twelfth failure in 178 attempts for the Delta, long considered the United States' most reliable booster. The Delta had built up a string of 43 consecutive successful launches prior to Delta 178's failure.

The Delta lifted off on the thrust of its Rocketdyne RS-27 liquid-fueled main engine and six Thiokol Castor 4 solid rocket boosters.

Destruct sequence

At approximately 63 seconds into the flight, a second set of three Castor solid rockets were ignited and the six burned-out solids were jettisoned.

Shortly after the three solids were ignited, the on-board engine



Delta 178 lifts off May 3 (above left) on a tall fire from its single Rocketdyne RS-27 liquid-fuel main engine and six Thiokol Castor 4 solid rocket motors. Moments later, it was



tumbling back toward earth (above right) following failure of its main engine system. The smaller vapor trails are remnants of the GOES-G satellite and the third stage of the Delta.



Launch director Chuck Gay explained that the vehicle went

Shortly after the three solids were ignited, the on-board engine

control system experienced a large electrical surge. Investigators are examining the surge as a possible short circuit which caused the main engine system to shut down.

Delta project director William Russell said after the explosion that telemetry showed the shutdown occurred "almost as though it was a commanded shutdown."

The main engine system—which includes two vernier engines for guidance control—cut off abruptly, eliciting several cries of "Oh, No!" from startled launch controllers in the Delta blockhouse.

Without the vernier engines to control its path, the vehicle began to slew sideways.

Traveling at over 1,400 mph,

second stage tanking nested inside the first-stage fairing imploded and speeded its propellants out the now-open nose of the rocket.

The booster then swung tall first into its own solid rocket exhaust plume and was blown up by the range safety officer. The three solid rockets had their casings split open by their own destruct charges.

Parts from the shattered Delta as well as the solid rocket casings and satellite were plainly visible falling toward the ocean. The rocket was over 12 miles up when it was destroyed.

Radar and optical tracking systems at the Cape maintained contact with the falling debris, allowing investigators to pinpoint

The Johnson SeaLink mini-sub located parts of the Delta in about 150 feet of water. Navy divers retrieved several of the parts, which should help the investigation team pinpoint the likely cause of the failure.

Last Tuesday, the divers recovered the battered main engine of the Delta, its electrical relay box, and the first stage boost which contains electrical wiring harnesses and other components suspected as the likely cause of the short circuit. According to NASA spokesman George Diller, "We got what we needed." The recovered parts were taken to Hangar M at Cape Canaveral Air Force Station for detailed analysis.

simulate the conditions Delta 178 underwent prior to its launch in an attempt to pinpoint possible failure modes, says Diller.

Atlas launch postponed

An Atlas-Centaur vehicle, originally scheduled to loft a Navy FleetSatCom satellite May 22, has had its launch postponed until the third week of June, says Diller.

Many of the electrical and control systems in the Atlas and Delta contain similar components. NASA mission managers want to make certain the similarities do not include a problem which could jeopardize the Atlas launch.



Delta Launch Director Chuck Gay: "We had a good one going there. All of a sudden it didn't happen."

Shortly after the three solids were ignited, the on-board engine

Delta 178 lifts off May 3 (above left) on a tall fire from its single Rocketdyne RS-27 liquid-fuel main engine and six Thiokol Castor 4 solid rocket motors. Moments later, it was

tumbling back toward earth (above right) following failure of its main engine system. The smaller vapor trails are remnants of the GOES-G satellite and the third stage of the Delta.

control system experienced a large electrical surge. Investigators are examining the surge as a possible short circuit which caused the main engine system to shut down.

Delta project director William Russell said after the explosion that telemetry showed the shutdown occurred "almost as though it was a commanded shutdown."

The main engine system—which includes two vernier engines for guidance control—cut off abruptly, eliciting several cries of "Oh, No!" from startled launch controllers in the Delta blockhouse.

Without the vernier engines to control its path, the vehicle began to slew sideways.

Traveling at over 1,400 mph, aerodynamic forces shredded the fairing over the satellite payload. The GOES-G satellite and the attached third stage were ripped from the tumbling booster.

The three solids continued to burn, causing the Delta to almost turn completely sideways. As the tumbling vehicle swung around,

second stage tanking nested inside the first-stage fairing imploded and speeded its propellants out the now-open nose of the rocket.

The booster then swung tall first into its own solid rocket exhaust plume and was blown up by the range safety officer. The three solid rockets had their casings split open by their own destruct charges.

Parts from the shattered Delta as well as the solid rocket casings and satellite were plainly visible falling toward the ocean. The rocket was over 12 miles up when it was destroyed.

Radar and optical tracking systems at the Cape maintained contact with the falling debris, allowing investigators to pinpoint three debris fields about 30 miles out in the Atlantic.

Underwater search

Search ships from the flotilla scouring the ocean floor for Challenger debris were called in to search for Delta parts.

The Johnson SeaLink mini-sub located parts of the Delta in about 150 feet of water. Navy divers retrieved several of the parts, which should help the investigation team pinpoint the likely cause of the failure.

Last Tuesday, the divers recovered the battered main engine of the Delta, its electrical relay box, and the first stage boost which contains electrical wiring harnesses and other components suspected as the likely cause of the short circuit. According to NASA spokesman George Diller, "We got what we needed." The recovered parts were taken to Hangar M at Cape Canaveral Air Force Station for detailed analysis.

Early indications show a severe short circuit in the main engine electrical system. There was a surge and then a drop in voltage, after which the main and vernier engines shut down.

As part of the accident investigation, the next Delta launch vehicle was created on Pad 17B Friday. Tests will be run to

simulate the conditions Delta 178 underwent prior to its launch in an attempt to pinpoint possible failure modes, says Diller.

Atlas launch postponed

An Atlas-Centaur vehicle, originally scheduled to loft a Navy FleetSatCom satellite May 22, has had its launch postponed until the third week of June, says Diller.

Many of the electrical and control systems in the Atlas and Delta contain similar components. NASA mission managers want to make certain the similarities do not include a problem which could jeopardize the Atlas vehicle.

A complete review of the construction, transportation, and ground handling of the Atlas will be completed before the vehicle is cleared for launch, Diller says. Loss of the GOES-G satellite leaves only one U.S. meteorological satellite in orbit.

See DELTA, page 9

KEITH'S "HOME OF THE DESTROYER"
\$1.00 OFF LARGE SUBS
 When picked up between 2 - 6:30 p.m.
 Coupon Good Through June 3, 1986
 Group Buy Good
10% OFF At All Other Times With ERAU I.D.
 Keith's SUB SHOP
 Contemporary **756-0808**
 NEW HOURS
 661 Beville Rd. Mon. Fri. 11-7
 So. Daytona Sat. 11-2

BRING YOUR LUNCH AND COME JOIN CAMPUS MINISTRY AS WE BRING YOU ON SCREEN

LEADER IN HOME VIDEO ENTERTAINMENT
Network Video
 HOME VIDEO FILES & RENTALS
E.R.A.U. Students Lifetime Membership



Arion photo by Patrick McCarthy

Delta Launch Director Chuck Gay: "We had a good one going there... All of a sudden it didn't happen."

cries of "Oh, No!" from startled launch controllers in the Delta blockhouse.

Without the vernier engines to control its path, the vehicle began to slew sideways.

Travelling at over 1,400 mph, aerodynamic forces shredded the fairing over the satellite payload. The GOES satellite and the attached third stage were ripped from the tumbling booster.

The three solids continued to burn, causing the Delta to almost turn completely around. As the tumbling vehicle swung around,

falling towards the ocean. The rocket was over 12 miles up when it was destroyed.

Radar and optical tracking systems at the Cape maintained contact with the falling debris, allowing investigators to pinpoint three debris fields about 30 miles out in the Atlantic.

Underwater search

Search ships from the flotilla scouring the ocean floor for Challenger debris were called in to search for Delta parts.

George Diller, "We got what we needed." The recovered parts were taken to Hangar M at Cape Canaveral Air Force Station for detailed analysis.

Early indications show a severe short circuit in the main engine electrical system. There was a surge and then a drop in voltage, after which the main and vernier engines shut down.

As part of the accident investigation, the next Delta launch vehicle was erected on Pad 17B Friday. Tests will be run to

components. NASA mission managers want to make certain the similarities do not include a problem which could jeopardize the Atlas vehicle.

A complete review of the construction, transportation, and ground handling of the Atlas will be completed before the vehicle is cleared for launch, Diller says.

Loss of the GOES-G satellite leaves only one U.S. meteorological satellite in orbit.

See DELTA, page 9

"HOME OF THE DESTROYER"

KEITH'S \$1.00 OFF LARGE SUBS

When picked up between 2 8:30 p.m.
Coupon Good Through June 3, 1986

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

SUB SHOP Contemporary **756-0808**
661 Beville Rd. Mon.-Fri. 11-7
So. Daytona Sel. 11-3

BRING YOUR LUNCH AND COME JOIN CAMPUS MINISTRY AS WE BRING YOU ON SCREEN



"arthur"

Starring
Dudley Moore

12 NOON A101



"arthur"

Starring
Dudley Moore

WED MAY 21

Let's Celebrate!

LEADER IN HOME VIDEO ENTERTAINMENT

Network Video

HOME VIDEO SALES & RENTALS

**E.R.A.U. Students
Lifetime Membership
Just \$15**

If you don't have a VCR, get together with your buddies and rent one. VCR and 1 movie only \$10. Extra movies \$3 each.

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!

Open Monday - Saturday, 9am to 9pm Closed Sunday
1132 Beville Road 252-3393
RIGHT NEXT TO PIC 'N SAVE

CLUB MEMBERSHIPS ARE GOOD AT ANY NETWORK VIDEO LOCATION



SUPER "STUDENT PILOT" FLIGHT GIVEAWAY!

REGISTER NOW!

DRAWING FOR WINNER JUNE 1, 1986

8 FREE HOURS!



EAGLE FLIGHT CENTER

F.A.A. 141 Approved Flight School- ALL RATINGS

★ NEW LOWER RATES/LARGEST SELECTION ★

Rentals (Wet)	Per Hour
C150	\$25.00
C152	\$28.00
C152 IFR	\$31.00
C152 Aerobat	\$31.00
C172's IFR (5)	\$42.00
C172RG	\$50.00
Warriors	\$42.00
Archer II (IFR, AIR, HSI)	\$50.00
Mooney (Loaded, IFR)	\$55.00
Saratoga SP (New, Loaded)	\$85.00
Seminole (Twin)	\$104.00
Simulator (Block Time Discounts)	\$12.00
Complete Aerobatic Course (See Coupon)	\$.399.00

ROTC DISCOUNTS

ROTC DISCOUNTS

2 DAY ACCELERATED GROUND SCHOOLS

★ GUARANTEED ★

TAKE THE PRIVATE OR INSTRUMENT GROUND SCHOOL AT YOUR CONVENIENCE FOR THE

PRICE BUSTER

PRICE BUSTER

2 DAY ACCELERATED GROUND SCHOOLS

★ GUARANTEED ★

TAKE THE PRIVATE OR INSTRUMENT GROUND SCHOOL AT YOUR CONVENIENCE FOR THE SUPER LOW PRICE OF \$99.00. (BOOKS AND FAA EXAM ARE INCLUDED)

PRICE BUSTER \$99

PRICE BUSTER \$99

SUPER "STUDENT PILOT" FLIGHT GIVEAWAY (REGISTER BY MAY 31, 1986)

EAGLE FLIGHT CENTER, INC. NAME _____
 1624 BELLEVUE AVE. ADDRESS _____
 255-3456 PHONE _____

8 Free Hours/Drawing June 1, 1986

EAGLE FLIGHT CENTER, INC.

\$3.60 DISCOUNT

Coupon Off FAA Written Exams

- ★ Written Test Given 7 Days/Week
- ★ 1 Coupon Per Exam
- ★ Must Present This Coupon
- ★ Offer Expires 6/30/86

1624 Bellevue Ave.
 (Just Off Clyde Morris)
 255-3456

EAGLE FLIGHT CENTER, INC.

\$5.00 Discount

On Mooney Checkout/Fly The Best

- ★ 1 Coupon Per Flight
- ★ Min. Flight Time - 1 Hour
- ★ Must Present This Coupon
- ★ Offer Expires 6/15/86

1624 Bellevue Ave.
 (Just Off Clyde Morris)
 255-3456

Primary Aerobatic Proficiency Course

- ★ Excellent Training Aircraft
- ★ Experienced Instructors
- ★ Part 141 Approved Aerobatic Course
- ★ "Aerobatic 101 (Only \$399)

Offer Expires 6/30/86
 So Enroll ASAP
EAGLE FLIGHT CENTER
 1624 Bellevue Ave.
 (Just off Clyde Morris)
 255-3456

\$20.00 Discount

IF YOU'RE CURRENT AT E.R.A.U. YOU'RE CURRENT WITH US. NO CHECK-OUTS IN SAME MODELS!!

F.A.A. Written Tests Given 7 Days A Week **F.A.A. Flight & Test Examiner On Staff**

1624 Bellevue Ave.
 (Just Off Clyde Morris - Next To ERAU)

255-3456

OPEN 7 DAYS A WEEK

BLOCK DISCOUNTS AVAILABLE

Faculty competes for cup

By Larry Benninger

On April 21, 28 members of the Embry-Riddle faculty and staff began competing in the sixth annual Halifax Hospital Corporate Cup. The Corporate Cup was initiated in 1981 to introduce the Medical Center's new Health-Fitness Department and to promote employee fitness at area businesses. This year, over 40 businesses competed in one or more of seven athletic events: volleyball, bowling, tennis, golf,

running, relay, bicycle relay and tug-of-war. The Embry Riddle team competed in all but the tug-of-war event. The volleyball competition was held at the Daytona Beach YMCA. The Riddle team of P-h King, Cindy Vessells, Steve Whitmer, George King, Kay Wilkins, Leslie Whitmer, Ken Stackpole, Eric Doten, Nahir Perez and Rick Brandfass tied for fourth place with victories over May Zima and Company and MelWeb Signs before being eliminated by Halifax Hospital. The bowling team of Becky

Robertson, Bill Martin, Alice Owens, Ed Swanson, and Ed Yackel placed sixteenth of the 36 teams competing at Starlight Lanes. In the tennis competition held at Pelican Bay Tennis Club, singles players Bob Osley and Irene Meck-noids and the doubles team of Kay Welch and Richard Reeder were all eliminated in the second round after opening round victories. The Golf team travelled to the Palm Lakes Golf Course in Palm Coast to compete. There, Von Doran, Gary Brindra, Ron Caylor and Richard Reeder finished in eleventh place of the 36 team field.

The final events of the competition were held on Saturday, May 17, at Daytona International Speedway. The running relay team consisted of Steve Whitmer, Jim Cunningham, Tom Hilburn, Dave Galloway, Lynette Rundell and Abolfazal Salimi. Unfortunately, the event was moved 45 minutes ahead of its scheduled time. Many teams, including the Riddle runners missed the start and were disqualified from the medley relay event.

The bicycle event was held on the same day on part of the Daytona 200 motorcycle course. Each member of the Dan Kelly, Rick Brandfass, Mary Ellen Bell and Bob Osley team were required to ride about three miles each. When the event was over the Riddle team had captured eleventh place.

In the final overall standings the team from General Electric was declared champions. The Embry-Riddle faculty and staff did not bring home a trophy. More importantly, the staff members were able to compete together in team sports. The Corporate Cup's emphasis on healthier lives through proper exercise made it possible for the team members to have fun through fitness.



Avion photo by Rick Gray

CALENDAR

AREA EVENTS

- Wednesday, May 21, 1986
All comers track meet, Daytona Beach, Father Lopez High School. 6:00 p.m. All ages welcome.
- Thursday, May 22, 1986
League Bowling, La Paloma Lanes. Thursday Nights 8:30. Contact: Michael 256-7815 or Kirk 263-6778.
- Saturday, May 24, 1986
Memorial weeknight 4 mile run; Deland. 8:00 a.m. Call (306) 674-8701.
- Sunday, May 26, 1986
Triathlon, Orlando Spirit Series. Run 3 miles, bike 8 miles, swim 1/2 mile. Call (305) 361-0811.

CAMPUS EVENTS

SPORT

- AQUAROBICS
- RACQUETBALL SINGLES
- WALLYBALL
- FREE THROW
- RACQUETBALL DOUBLES
- FRISBEE GOLF
- ONE MILE DASH

SIGN UP BY

- TUES. 5/27
- WED. 5/28
- MON. 5/26
- WED. 5/29
- TUES. 5/27
- MON. 5/26

STARTING TIME

- TUES. 5/27
- MON. 5/26
- THUR. 5/28
- THUR. 5/28
- TUE. 5/27
- TUE. 5/27

Soccer players prepare for Fall

By Larry Benninger

After a successful inaugural spring season, the Embry-Riddle soccer team will remain inactive during the summer trimesters, with team tryouts planned for September. While team organizer Brian Mondell attempts to obtain adequate funding for a complete fall schedule, many of the players

See SOCCER, page 9

SOFTBALL RESULTS MAY 14, 1986

OUTLAWS	6
BUSCH BOYS	7
DELTA CHI	11
FLIGHT TECH	7
SUDDEN IMPACT	12
TAILHOOKERS	5

SOFTBALL SCHEDULE MAY 21, 1986

FIELD 5 (FAR FIELD)	5:00 p.m.
BUSCH BOYS	SUDDEN IMPACT
6:00 p.m.	OUTLAWS
FLIGHT TECH	CAMPUS FIELD
5:00 p.m.	VETS CLUB
TAILHOOKERS	6:00 p.m.
DELTA CHI	"O" TEAM

The summer softball tournament will get underway next week

PHOENIX EAST AVIATION

Avion photo by Rick Gray

See SOCCER, page 9

The summer softball tournament will get underway next week

PHOENIX EAST AVIATION

SOON TO BE THE HOME OF THE BOEING PT-17 STEARMANS



CHECK OUR COMETITIVE RATES ON OUR OTHER AIRCRAFT AS WELL

- FAA WRITTENS 7 DAYS A WEEK
- FAA FLIGHT EXAMINER ON STAFF

\$5.00 OFF

On Written Exams or Flight Simulator WITH THIS COUPON Phoenix East Aviation

Coupon Good Until June 30, 1986



904-258-0703

ASK ABOUT OUR CFI COURSE

Daytona Gym



Once again
We Are expanding

Aerobics
Being Added Soon

- ★ The best equipped
- ★ The most modern machines of the 80's
- ★ The finest and largest Weight lifting gym Daytona has ever seen!
- ★ Air Conditioned

- ★ Steve Baker and female staff are on duty for personalized supervision
- ★ **SPECIAL** Men ½ price

- ★ The best equipped
- ★ The most modern machines of the 80's
- ★ The finest and largest Weight lifting gym Daytona has ever seen!
- ★ Air Conditioned
- ★ Special programs for toning and programs for the ladies

- ★ Steve Baker and female staff are on duty for personalized supervision
- ★ **SPECIAL** Men ½ price (Reg \$200, now only \$100)
- ★ **SPECIAL**, Women ½ price on all memberships
- ★ **Newly Expanded!** over \$40,000 in the latest of CAM machines have been added to our club.
- ★ Membership can be frozen for vacation
- ★ Shower facilities are available.
- ★ Call for details



Steve Baker is on duty to design specialized programs for any need, whether it is for strength, development or general toning.

coupon
**Bring this coupon in for
1 FREE workout**

Monday — Saturday
10 a.m. to 9 p.m.

Centrally located downtown at:

**242 S. Beach Street
Daytona Beach**

253-8188

Plenty of Parking in the Rear

coupon

miscellaneous for sale

FENCE - Chain link, 104 feet with all hardware, posts, corner posts, top rail and bottom rail, older heavy gauge metal. One half new cost \$90. o.b.o. 3 ft. gate \$15.
 Used fencing, 6x 15 ft roll, 1/2 pipe, 4x6 at \$7. Use inside or outside. Call 235-0465.

IBM PC Jr. Color Monitor. Used once. Price: Ward 672-9034. Used message plant.

TRAC-MOPED - Excellent condition, only 500 miles. Call Kell at 235-7795.

LOOKING FOR A TV? I have several that I want to sell. They are HiAW and portable. Selling '81 Citizen Explorer for \$900.00 with amplifier, color, 4 screen box, picks and music books. Also selling a 7 channel Funak B/C with 40 watts for \$300.00 firm. If you would like to buy these items please contact Jim at 788-8422 after 7:00 p.m. weekdays, anytime weekends.

FOR SALE - Secretary Desk \$160. Drafting Table \$80. Drafting Machine \$70. Call 237-6463.

LEATHER JACKET - Medium, \$30. Excellent condition motorcycle helmet. \$20. Coburn leather operating manual. Any item. \$3 each. Wide variety of vision books. Contact at Box 4015 or ext. 1105.

APARTMENT MOVING OUT SALE - Couch \$100, coffee table \$15, lamp \$15, dining banner \$15, weights (set), 2 set \$10, mirror \$20, speakers \$50, 250 gram 5725, like repair stand \$11. Call 235-7990, after 9:00 p.m.

FOR SALE - Small metal shelving unit \$10. Folding chair \$10. Beach/iron chair \$3. Miniature Palm tree. 2 feet tall \$10. No other refusal. Call 237-0921.

FURNITURE FOR SALE - Dining with 4 roller chairs \$30, couch \$20, bar with 2 stools \$30, 2 chairs \$5.

Graduating Senior selling all household goods. Beds, tables, chairs, dresser, desk and sofa. Everything priced to sell. Call David at 788-4313.

PLAN HEADUP BUY NOW AND SAVE MONEY! Twice as much and half as long. \$20. Small wood desk with 3 drawers \$115. 3 ft. miniature palm tree, great house plant \$10. No other refusal. Call 237-0921.

DAVID CLARK HEADSET MODEL 8010-40 - Like new condition new 8-4 microphone, earpiece, antenna, and control covers. \$125. Call 235-6209 for more details in box 2705.

MUST SELL COMPUTER - HP110 Portable Computer, battery powered. 8 1/2 ft. disk, 432K memory (RAM/ROM). Includes modem, printer, power supply, 24 pin printer, 3 1/2 ft. disk, floppy disk, and software. \$150. Small wood desk with 3 drawers \$115. 3 ft. miniature palm tree, great house plant \$10. No other refusal. Call 237-0921.

19-INCN COLOR TV - Portable, black 19" screen \$150. Twin bed case-also with frame \$40. Call 235-8313 or Box 4022.

STEREO SALES - 1 pair, 3 way Sony speakers brought \$125. Audio 500. Yamaha turntable, automatic, selling \$60. Performing art cassette deck, new, and metal DWB. Bought \$149.95, selling \$65. Drop now in ERAU box 1008.

RADIO CONTROL SALE - 2 planes, 2 engines, 3 channel radio plus 123 1/2 in. radio \$200. Call 235-3113.

'83 MOBILE HOME - 14ft x 40 ft Queen Mobile Home, 2 bed, 1 1/2 bath, 100 x 200 concrete porch, 90 x 100 aluminum storage shed. Adult party - must be at least 30 yrs old. \$13,500. Call Debbie at 1218 for 8000-1709 or 787-3879 after 1700.

ANSWERING MACHINE with all features, 2 tapes for answering and messages. Very cheap, only \$45. Call Joe 235-9564

WANTED - RM 230, 1983-84. IT 600, 1982-84. Call before 10 a.m. weekdays, after 3 p.m. weekends, ask for Bruce 235-6756.

VW ENCIPIE - Nearly complete, good for parts or rebuild. \$15. Call 233-3207 - r-n-g-p.

cycles for sale

'80 KAWASAKI 750 TRIM - On it condition, new Dunlops, low mileage, street up, cover, fairsing, new chain, sprocket and swing arm bushings. Asking \$1,200. Call Matt 235-5008 days or 234-5272 eves.

'78 HONDA CB 750F - 1900 o.b.o. Call Scott Latham 3310-253-994 or Lawrence Tron 677-4260

'80 HONDA CB 350 - Excellent shape, 5400 o.b.o. Call Paul Tom 7912.

'83 SABRE - Excellent condition, new tires and mufflers, 18,000 miles, \$1,400. Call 233-5317 after 4:00 p.m.

'83 VIRAGO - Looks new, with helmet and cover. Only \$1,300 o.b.o. Call Kevin Nickerson 238-1046.

'81 KAWASAKI ZN 400 - Garage kept, looks good, runs great, bike rack, has extra main tank, also 4000 call free helms. Must Sell 4000. o.b.o. Call Andy 787 3569

YAMAHA 750 SPECIAL - New tires, brake, helmet, rent and looks great. Contacting, must sell. Call Mike 233-6755.

'83 KAWASAKI ZN 750 LTD - 7,500 miles, good shape, 9950. Call Jim 235-4962

'79 YAMAHA XT ENDOURO - 500cc, very powerful, one cyl, 4 stroke. Asking only \$285 o.b.o. Call Joe 235-9564

autos for sale

'78 MAZDA GLC - 4 spd, 4cyl., good condition \$830. Call 235-9967 or Box 1008.

'78 TOYOTA COROLLA - 5 spd, a/c, new paint and tires, good condition, 64,000 miles. Only \$1600 o.b.o. Call 238-0939

HOW'S YOUR CHAIR - Buy this Dodge Dart. New battery, alternator, w/w, reg. 4 yrs. Great knock crusher! Graduating Senior must sell \$300 o.b.o. Box 7913 or call Susan 237-4068.

'71 TOYOTA COROLLA - '81 engine, a/c, am/fm/cassette stereo, new clutch, new battery, almost new tires, perfect mechanical condition. Must sell asking \$600. Call 756-3434, ask for Coo.

'79 TOYOTA CELICA - Jet black, sunroof, 5 spd. Asking \$ 3400. Call 781-4912.

'84 CIOCCO - 20,000 miles, used, w/w, am/fm/cassette stereo, a/c, pwr. lock, cruise, 80 hp, 4 cyl, alloy wheels, like new with all services. \$8,700. Call 788-9103 or Kerri, ERAU Box 3421

'78 TOYOTA COROLLA - 5 spd., automatic and tires, low mileage, \$1,400 good condition for \$1,800 o.b.o. Call 233-5354.

'86 CORVETTE - \$6,800 o.b.o., one owner, ph, ps, tires, am/fm/c. Call 235-5566 ext 1132 or 756-0371.

'83 TOYOTA COROLLA - a/c, am/fm, very good condition, \$3,000 o.b.o. Call 781-4773 or 672-4012

rooms for rent

FEMALE ROOMMATE NEEDED - NOW - 2 bdrms, 2 bath, tub/shower only 7 minutes from school. Call Shirley 787-8429.

LOOKING FOR A PLACE TO LIVE off CAMPUS? I've got 2 rooms that are most furnished. Beds, desk and drawers for your clothes. Rent is \$ 175.00 plus phone, \$200.00 deposit, utility, but utilities and phone are extra, you pay your share. For more info, call 783-8622 after 7:00 p.m. weekdays, anytime weekdays.

ROOM FOR RENT in a fully furnished townhome in Pelican Bay. Private bath, washer & dryer, utilities under 1 mile from school. Only Responsible students, females preferred. For info call 786-3767.

ROOMMATE WANTED - 2 bdr, 1 1/2 bath, convenient, \$175.00/month plus \$12.00 elec, \$175.00 dep. Contact Paul, Box 7912.

FEMALE ROOMMATE NEEDED - 3 bdr 3 bath apt for 50m AEDB. \$138 month + \$12 utilities. 8 minutes from school. Respond to box 7974 or 233-6533.

ROOM FOR RENT - 1/2 mile from waste transfer and land, 1300 sq ft, includes utilities, cable TV, preferred. Call Jake 237-1192.

ROOMMATE NEEDED - Male or female to share 2 bdr, 2 bath apt, 3 miles from campus. Ca, air, parking, Jacuzzi, tv, room, mini-c. e. Call 238-2965

CONDO TO SHARE - 2 bdr, 2 bath in Ormond Beach, Maraca subdivision on staff. Non-smoker, female, \$200/month + 1/2 elec. A phone 672-2904

APARTMENT FOR RENT - 1 bed, a/c, unfurnished, car garage, 1 mile from beach, 3 miles from ERAU. Lease to begin May 1st. Can see anytime, 257-177 or 238-1491.

NEAT, NON-SMOKER FEMALE to share very nice 2 bed, 2 bath apt. 192.50, cable, water, included. Close to ERAU. Call Jim 235-9907.

TAKE OVER LEASE - need someone to take over lease of 2 bed, 1 bath apt. till Aug '22. Rent is \$40.00/month plus utilities. Must get rid of. For more info, call Bill 257-6453 or 756-1614

PREFER A B. ROOM FOR RENT - Private guestroom, non-smoker, sober. All utilities included, \$180/month. Clean, furnished, quiet home. Call Steven 325-5051.

HOUSE FOR RENT - 3 bed, 2 bath, 2 car garage. Close to Pelican Bay 3223. Referees: Mrs. Ward 677-5024

personals

Beeman, "You've got to reach a little bit higher." - October 12, 1983 love forever! Love! David Beeman

Spunk, After a short year I will think you're the most special 1 1/2 yr ever met. If you ever meet a girl who is like you, there's a lot of us to get to know you. For 4!

Skydivers go down faster and have the most fun doing it! (No - x's, there I was... Thanks Eddie Skydivers, it's my dream!) Love, Your Piv

Roommate, Happy Anniversary! We've been together longer. I'll miss you when we're gone. See you in Alaska! Love Roommate

NOTICES

SGA provides juke box - The Student Government Association has installed a juke box in the University Center. During the latter part of the Spring trimester, the S.G.A. took a survey which was highly in favor of a juke box. We need your input for choosing what kind of music should be played in the juke box. Please stop by the S.G.A. Office when convenient. There will be a sheet in the office for choices of music.

Memorial Day library hours - The library will be closed Sunday, May 25 and Monday, May 26 in observance of Memorial Day.
Student employment requirements - In order to work on campus, a student must:
 1. Be enrolled for at least 6 credit hours.
 2. Have a GPA of at least 2.0.
 3. Have completed at least 60 percent of their attempted credits.
 There are currently many on campus jobs available such as grader, counter help, grounds, office work (both on Daytona Beach Campus and in Bunnell).
 Students are now being in paid for their travel time to Bunnell.
 If you are interested in these or other jobs, please stop by the Student Employment Office located in the University Center.

Sigma Phi Delta

By Marc Bahan Historian
 The brothers and little sisters of Sigma Phi Delta would like to welcome everyone to the Summer A term of Embury-Riddle. It is a shame that the break be so quickly.
 The scholastic endeavors of our members. Although we are not rushing the fall, we invite all to our house at 519 S. Ridgewood to learn what we are about.
 And now a reminder to our brothers. Summer Dues are due on May 21. Late fines will be enforced. See Steve Taylor for details.
 On a lighter side, I will be ending the article with some words to live by:
 "Doeth unto others before they doeth unto you."
 Bushara was ejected from the contest during the first half. After another loss and two ties, the team was able to regroup and end the season with two victories over Daytona Apollo. Goalie Duan Telken recorded the first victory.
 Inspired by their late season performance, and by the fact that many of them will be returning, the players are looking forward to a thorough fall schedule of matches.

NOTICES

SGA provides juke box - The Student Government Association has installed a juke box in the University Center. During the latter part of the Spring trimester, the S.G.A. took a survey which was highly in favor of a juke box. We need your input for choosing what kind of music should be played in the juke box. Please stop by the S.G.A. Office when convenient. There will be a sheet in the office for choices of music.

Memorial Day library hours - The library will be closed Sunday, May 25 and Monday, May 26 in observance of Memorial Day.
Student employment requirements - In order to work on campus, a student must:
 1. Be enrolled for at least 6 credit hours.
 2. Have a GPA of at least 2.0.
 3. Have completed at least 60 percent of their attempted credits.
 There are currently many on campus jobs available such as grader, counter help, grounds, office work (both on Daytona Beach Campus and in Bunnell).
 Students are now being in paid for their travel time to Bunnell.
 If you are interested in these or other jobs, please stop by the Student Employment Office located in the University Center.

Sigma Phi Delta

By Marc Bahan Historian
 The brothers and little sisters of Sigma Phi Delta would like to welcome everyone to the Summer A term of Embury-Riddle. It is a shame that the break be so quickly.
 The scholastic endeavors of our members. Although we are not rushing the fall, we invite all to our house at 519 S. Ridgewood to learn what we are about.
 And now a reminder to our brothers. Summer Dues are due on May 21. Late fines will be enforced. See Steve Taylor for details.
 On a lighter side, I will be ending the article with some words to live by:
 "Doeth unto others before they doeth unto you."
 Bushara was ejected from the contest during the first half. After another loss and two ties, the team was able to regroup and end the season with two victories over Daytona Apollo. Goalie Duan Telken recorded the first victory.
 Inspired by their late season performance, and by the fact that many of them will be returning, the players are looking forward to a thorough fall schedule of matches.

Attention August graduates - If you are interested in running for Senior Class President or Vice President, please schedule an appointment in the Student Activities Office by Friday, May 30, 1986, to review the responsibilities of these positions. We are also accepting names of those volunteers interested in being on the Senior Class Council until May 30, 1986. This group will organize the class party, secure discounts for hotels for the guests of August graduates and decide on a class project.
 If you have any questions concerning this issue, please stop by the Student Activities Office.

Memorial Day library hours - The library will be closed Sunday, May 25 and Monday, May 26 in observance of Memorial Day.
Student employment requirements - In order to work on campus, a student must:
 1. Be enrolled for at least 6 credit hours.
 2. Have a GPA of at least 2.0.
 3. Have completed at least 60 percent of their attempted credits.
 There are currently many on campus jobs available such as grader, counter help, grounds, office work (both on Daytona Beach Campus and in Bunnell).
 Students are now being in paid for their travel time to Bunnell.
 If you are interested in these or other jobs, please stop by the Student Employment Office located in the University Center.

SOCCER

(continued from page 7)
 are keeping in shape by competing in the YMCA's summer indoor soccer league.
 During the course of the spring season, thirty Riddle students competed on the soccer team. Led by the outstanding play of captain Amir Bushara, the team finished the season with a record of two victories, two ties and two losses. The season began with a heart-breaking 2-0 loss to Stetson. The game was marred by numerous fouls, and

DELTA (continued from page 5)
 Since the failure of the GOES-5 satellite in 1984, the GOES-6 weather satellite has been pulling double duty, shifting its normally geostationary orbital position to provide coverage of both the Pacific and Atlantic Oceans. GOES-6 has now been in use for two years and is only expected to last another two years. After that time, its on-board station-keeping propellants are expected to be depleted, leaving it to drift out of its assigned orbital position.

DELTA (continued from page 5)
 The National Oceanic and Atmospheric Administration (NOAA) has another GOES satellite set for launch in October, but no other satellites are expected to be available until 1990, when a next-generation series of weather satellites are scheduled to begin service.
 If the GOES-6 satellite fails prior to the launch of the next satellite, NOAA will be faced with a severely reduced ability to predict and track Atlantic hurricanes and other weather systems.

FINS & FRIENDS

- | | |
|--|--------------|
| PERCUSSA CLOWN (Amphiprion percula)..... | \$ 4.99 each |
| COOPERBANDIED BUTTERFLY (Chelmon chelmos)..... | 2.96 each |
| PINATUS RAT (Plexan pinatus)..... | 3.95 each |
| GREEN ANGEL (Holacanthus ciliaris)..... | 1.95 each |
| BLUE SURGEON FISH (Paracanthus nasutus)..... | .99 each |

ACE HOBBIES
 One of the Largest selections of RADIO CONTROLLED
 • Plastic Models • Trains
 • Durne Buggies • Boats
 • Air Planes • Cars
 • Art & Macramé Supplies
 In Volusia County
 10% Discount to Students
 Across from Long John Silver's
 2127 S. Ridgewood Ave.
 S. Daytona 781-9700

Hairmasters
 NO APPOINTMENT NECESSARY
 IN VOLUSIA COUNTY
 OF BUCKHAM HALL
 365 BILL FARMER BLVD.
 252-1135 1 DOORS WEST OF SERVICE MERCHANTS
uni-sex precision haircut \$4 25
 including Military Cut
precision haircut & professional styling \$7 50
 including Shampoo
 We honor all other salon coupons!
 (Bring them with you)
 OPEN 7 DAYS A WEEK

What Would You Pay FOR SICK OR DYING FISH??
 Would You Take Them If They Were Given To You??
 Of Course You Wouldn't! That's Why We Act Mad, Selling These Fish At These Reduced Prices.
 Don't let us through! A Fish Distributions Problem in Our State Of The Art Aquarium has broken many millions of fish. These beautiful and rare fish are now available to you for a fraction of their normal price. You can buy incredible beautiful fish for fish.
You Can Buy Better Cheap Fish, But You Can't Buy Better Fish At Any Price.
 Daytona Mall • Mon.-Sat. 10:00 - 12:00
 Corner Nova 8 • 253-4557

the University Center.

During the latter part of the Spring trimester, the S.G.A. took a survey which was highly in favor of a juke box.

We need your input for choosing what kind of music should be played in the juke box. Please stop by the S.G.A. Office when convenient. There will be a sheet in the office for choices of music.

Attention August graduates

If you are interested in running for Senior Class President or Vice President, please schedule an appointment in the Student Activities Office by Friday, May 30, 1986, to review the responsibilities of these positions. We are also accepting names of those volunteers interested in being on the Senior Class Council until May 30, 1986. This group will organize the class party, secure discount hotels for the guests of August graduates and decide on a class project.

If you have any questions concerning this issue, please stop by the Student Activities Office.

The library will be closed Friday, May 30, and Monday, May 31, in observance of Memorial Day.

Student employment requirements

1. Be enrolled for at least 6 credit hours.
2. Have a GPA of at least 2.0.
3. Have completed at least 66 percent of their attempted credit hours.

There are currently many on campus jobs available such as grader, counter help, grounds, office work (both on Daytona Beach Campus and in Bunnell).

Students are now being in paid for their travel time to Bunnell. If you are interested in these or other jobs, please stop by the Student Employment Office located in the University Center.

The brothers and little sisters of Sigma Phi Delta would like to welcome everyone to the Summer A term of Embry-Riddle. It is a shame that the break went by so quickly.

For those new students who are not familiar with our organization, we are a professional/social engineering fraternity. We stress scholarship through professional events such as tours of engineering plants and careful monitoring

of the fall, we invite all to our house at 519 S. Ridgewood to learn what we are about.

And now a reminder to our brothers. Summer Dues are due on May 21. Late fines will be enforced. See Steve Taylor for details.

On a lighter side, I will be ending the article with some words to live by
"Doeth unto others before they doeth unto you."

SOCCER

(continued from page 7)

are keeping in shape by competing in the YMCA's summer indoor soccer league.

During the course of the spring season, thirty Riddle students competed on the soccer team. Led by the outstanding play of captain Ami Bushara, the team finished the season with a record of two victories, two losses and two ties. The season began with a heart-breaking 2-0 loss to Setson. The game was marred by numerous fights, and

Bushara was ejected from the contest during the first half. After another loss and two ties, the team was able to regroup and end the season with two victories over Daytona Appollo. Goalie Duan Tekben recorded the first victory, 2-1. The second victory was a 9-1 rout with Leo Glynos in goal.

Inspired by their late season performance, and by the fact that many of them will be returning, the players are looking forward to a thorough fall schedule of matches.

DELTA

(continued from page 5)

Since the failure of the GOES-5 satellite in 1964, the GOES-6 weather satellite has been pulling double duty, shifting its normally geostationary orbital position to provide coverage of both the Pacific and Atlantic

Oceans. GOES-6 has now been in use for two years and is only expected to last another two years. After that time, its on-board station-keeping propellants are expected to be depleted, leaving it to drift out of its assigned orbital position.

The National Oceanic and Atmospheric Administration (NOAA) has another GOES satellite set for launch in October, but no other satellites are expected to be available until 1990, when a next-generation series of weather satellites are

scheduled to begin service.

If the GOES-6 satellite fails prior to the launch of the next satellite, NOAA will be faced with a severely reduced ability to predict and track Atlantic hurricanes and other weather systems.

ACE HOBBIES

One of the Largest selections of **RADIO CONTROLLED**

- Plastic Models • Trains
- Dune Buggies • Boats
- Air Planes • Cars
- Art & Macrame Supplies

In Volusia County
10% Discount to Students



Across from
Long John Silver's
2127 S. Ridgewood Ave.
S. Daytona 761-978J

Hairmasters

NO APPOINTMENT NECESSARY

252-1135

IN BACK OF
VOLUSIA MALL
365 BILL FRANCE BLVD.
2 DOORS WEST OF SERVICE MERCHANDISE

DISCOUNT COUPON
**uni-sex
precision
haircut**
4 25
Including
Military Cuts

DISCOUNT COUPON
**precision
haircut &
professional
styling**
7 50
FREE
Conditioning
Shampoo

WE HONOR ALL OTHER SALON COUPONS!
(Bring them with you)
OPEN 7 DAYS A WEEK

FINS & FRIENDS

PERCUA CLOWN (Amphiprion percula)	\$.49 each
COPPERBANDED BUTTERFLY (Chelmon rostratus)	2.96 each
PINNATUS BAT (Platax pinnatus)	3.95 each
QUEEN ANGEL (Holacanthus ciliaris)	1.95 each
BLUE SURGEON FISH (Paracanthurus hepatus)	.99 each

What Would You Pay
For SICK OR
DYING FISH??

Would You Take Them If
They Were Given To You??
Of Course You Wouldn't!
That's Why We Are Not
Selling These Fish At
These Ridiculous Low Prices.



Our Fish Go Through A 7 Day Decontamination Procedure in Our State Of The Art Quarantine System Using Ionized Filtration, Ozone Generation and Ultra Violet Sterilization. Ammonia Detoxification, and Dechlorination. Our Fish Go Through An Anti-Bacterial Anti-Protozoan, and Anti-Fungal Irradiation Producing Specific Pathogen Free Fish.

**You Can Buy Cheaper Fish, But You
Can't Buy Better Fish At Any Price.**
Daytona Mall • Mon.-Sat. 10-9, Sun. 12-6
Corner Nova & 92 • 253-4557

CAMPUS ADVERTISING REP

Be responsible for placing advertising materials on your campus bulletin boards. Work on exciting marketing programs for clients such as American Express, AT & T, Sony and Sierra Club. Express your own hours. Good experience and great money! For more information call, 1-800-626-5337 9-5 pm. (West Coast Time)

Representative Program
American Passage
500 Third Ave West
Seattle, WA 98119

CHICAGO DALLAS MIAMI PHOENIX SEATTLE



By Lynne Evans
Counseling Center

Improve your life, learn how to communicate effectively and read other people's communication styles.

There are two forms of communications, verbal and non-verbal. Non-verbals are better known as "body language." When there is a conflict between verbal and non-verbal messages, people unconsciously give the non-verbals more credence.

Examples of body language and their meanings include: crossed arms and leg-holding things in; avoidance of eye contact—nervousness, low self esteem; pacing, restlessness—agitation or boredom;

FLASH For Leisure And Student Health

facial expression—happy, sad, angry, frustrated; clenched jaw and fists—tension or anger.

In order to feel good about the course of your conversation, what you are saying should match how you are feeling. The person with a low self esteem will ignore their own non-verbals and speak whatever they feel the listener wants to hear. Consequently, the person compromising their own beliefs has served to make their self image even lower and the person listening gets mixed messages.

Verbal and non-verbal communication can be conveyed in one of three ways, aggressively, assertively or non-assertively.

The aggressive communicator gets their point across by being caustic, yelling, flouting and in general hurting anyone emotionally or physically who gets in their path. This outgoing "macho" covering usually hides a person with low self image and a general inability to take into consideration other people's needs. Assertiveness is the goal for

any effective communicator. When communication is done assertively, no one's rights are infringed upon and the communicator's self image remains high because they have effectively gotten their point across. Body language portrays an alert yet comfortable stance.

For the non assertive person, life can be quite miserable because their rights are continually infringed. Self esteem tends to suffer because with the non-assertive approach the individual is often overlooked and they may do things that are not compatible with their own value system. Body language of the non-assertive individual may show lack of eye contact, shifting of body positions and facial expressions that always match the person to whom they are speaking.

So remember, watch for others' non-verbals and their verbal communication type and you will be able to assess much more about your conversation and the person with whom you're interacting.

COURSE

(continued from page 1)

opportunity for employment with the FAA which has stated that it has a commitment to hire up to 500 qualified graduates each year. In addition, a student in this program would also be qualified for employment in the private sector.

In order to be certified by the FAA to offer degrees under the Airway Science program, a university has to evaluate its curriculum and submit a proposal to the FAA. The FAA has detailed the requirements of each of the five concentration areas. Morrin stated, "We match our courses that exist against the basic criteria... established by the FAA."

The Aircraft Systems Management program goes beyond the requirements of the Aeronautical Science curriculum by requiring the completion of flight ratings up through commercial, instrument, multi-engine and certified

flight instructor with instrument and multi-engine ratings. This is more flight instruction than is required for the Aeronautical Science degree. In addition, there are more management, science and computer courses required for the Airway Science curriculum. The Aircraft Systems Management program can qualify an individual for positions with the FAA as an Air Traffic Control Specialist or Aviation Safety Inspector.

The Aviation Maintenance Management program would qualify an individual for work with the FAA as an Aviation Safety Inspector. This is an area that will probably see an increase in need with the recent allegations of poor safety practices by many airlines and the desire of the FAA to increase its monitoring of safety practices.

Students interested in an Internship with the FAA as an Air

Traffic Controller would benefit from being in the Airway Science program. Morrin noted that because of funding cutbacks the number of internship positions might decrease and students in the Airway Science program would have an "advantage in getting a job with the FAA."

The current enrollment in the program which has only been available for one trimester is currently around twenty students. Mr. Morrin welcomes students interested in the program to see him in his office in H-105.

The Aviation Computer Science program would prepare students for jobs with the FAA in programming and maintaining their computer network. According to Morrin, "The FAA and its overall air traffic control system has the biggest civilian need for computer technicians of any industry in the United States."

Daytona Beach planetarium offers area 'Amazing Universe'

By Mark Pearson
Avion Staff Reporter

The Daytona Beach Museum of Arts and Sciences has begun a new starshow series called "Amazing Universe." This starshow program is designed to give a view of what scientists believe to be the origin of the universe, and to help answer some of the basic questions about astronomy like how the universe began, how far away the stars are and how gravity works.

In addition to the starshow series, the Museum offers Laser

Light shows that are done to various kinds of music. These shows, normally shown year round, are presently cancelled and tentatively scheduled to resume at the end of June.

Also, the museum has a 13-foot ground sloth on permanent display. This creature lived in Daytona Beach 130,000 years ago.

The museum boasts a large collection of Cuban art that spans 200 years to 1959 when Castro placed restrictions on all post-revolutionary art.

The Museum of Arts and

Sciences Planetarium has many more displays, exhibits and programs including two nature trails for the general public to enjoy. It is also the only fully accredited museum between Jacksonville and Orlando.

The museum is closed on Mondays but is open from 9:00 a.m. to 4:00 p.m. Tuesday through Friday and from 12:00 noon to 5:00 p.m. Saturday and Sunday. Admission is \$2 for adults and \$1.50 for children. For special show times or guided tour information, call Sandra Lake Miller at 255-0285.

By Jessica Snyder
College Press Service

WASHINGTON — Fewer students should be able to get federal student aid in the future, says a report by the conservative Washington think tank that has supplanted the Reagan administration with most of its college policy ideas.

Aid policies now waste U.S. tax dollars by "throwing good money after bad students," the Heritage Foundation's latest policy report claims. The report, which also suggests taking aid away from students earning less than a C average, advocates a major revamping of the Higher Education Act now before Congress.

A major problem, the report

concludes, is that "federal student aid has provided anyone who wants with the means to finance a college education."

The latest report, "A Seven-Point Strategy for Federal Aid to Higher Education," was written by Eileen Gardner, a foundation fellow who holds a doctorate in Moral Education and Human Development from Harvard.

Gardner argues the Higher Education Act—the bill now in congress that literally will define the federal government's role in financing colleges and their

students during the next five years—needs "substantive changes."

Gardner concedes her proposals for the act are even more radical than the administration's, which she says shy away from "tampering with ideals about providing 'education for all.'"

"Over 50 percent of high school graduates go to college," Gardner says critically, asserting that's more than the nation needs. Education Secretary William Bennett has yet to reply to her study, and it may be too late for Gardner's ideas to be incorporated in this year's Higher Education Reauthorization Act, she concedes.

"But I hope it will encourage some provocative discussion in the future," she says.

Welcome to Summer A and B terms at Embry-Riddle from

lar how the stars are and how gravity work. In addition to the starshow series, the Museum offers Laser

200 years to 1959 when Castro placed restrictions on all post-revolutionary art. The Museum of Arts and

5.50 for children. For special show times or guided tour information, call Sandra Lake Miller at 255-0285.

vocates a major revamping of the Higher Education Act now before Congress. A major problem, the report

Education Act—the bill now in congress that literally will define the federal government's role in financing colleges and their

Education Reauthorization Act, she concedes. "But I hope it will encourage some provocative discussion in the future," she says.

Welcome to Summer A and B terms at Embry-Riddle from

South

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

June 6,7,8

WDIZ Weekend Blast!

Party at the Tazan Motel! Barbeque, free drinks, huge DIZ giveaway 9:00.55 Call for details

701

Cleared for the approach!

MONDAY - Hawaiian Tropic Mini Skirt Contest

TUESDAY - I-100/Nair Legs Contest

WEDNESDAY - Dollar Drink Night (all drinks only a buck!)

THURSDAY - Miss 701 South Contest (by Hawaiian Tropic)

FRIDAY - TGIF Night

SATURDAY - Blow Out Party

SUNDAY - Locals Blow Out Party

* Except free drink nights

701 South Atlantic Avenue, Daytona Beach 255-9431