9-20-1978

Avion 1978-09-20

Embry-Riddle Aeronautical University

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PARKING CAUSES PROBLEMS

By John Hulbert
Staff Reporter

It is ridiculous, it takes me longer to find a parking space than to travel there. Is this the way it is supposed to be? If you're out late, this is what I have to do. Director of Security Philip L. End has shed some light on the problem. First, the field stretches over the SSE Center and the U.C. has been utilized primarily as an overflow lot, with the main lot, the area out of the grounds near the main campus being used as the major area for parking. When completed, the field for the new dorm will cover an area from Clyde Morris to the new pool. The parking stickers have been changed, the yellow stickers to those who commute or live off campus, the blue for the dorm-dwellers.

For those students tired of wasting time in the traffic, or those who have had relatives at Clyde Morris and "Riddle Drive" it is a solution. Parking here at E-RAU has been a bit of a problem in the past, but the addition of Junior new students this fall has made the situation worse.

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E-RAU Pool Ready For Use

Thanks to the SGA. Scene like this should be less common in the future. The new pool hours are: Weekdays 1:30 p.m.-7:30 p.m. Weekends 9:00 a.m.-7:30 p.m.

WOMEN'S SOFTBALL
TRANSFORMATION
NOTES

Several intramural softball teams are being formed for E-RAU women. See Colleens, E-RAU's softball coach, and various other experts have offered to teach the game and coach on when we are finished. Time and place for practice and games will be determined at a later date.

If you would like to become involved in this activity please contact me in the Accounting Department (Ext. 341-348, or 347) or at my home (350-507) (Colleen Kele).

Come on and join us - it's a time we E-RAU females stop being sports spectators and become participants!!

VACANCIES AVAILABLE AT APARTMENT COMPlex

NOTICES:

The Housing Office currently has a limited number of vacancies at the E-RAU Apartment Complex. Students new to these vacancies will have their Fall Tuition paid and reduced on a pro-rated basis. Please note that long term housing is encouraged to investigate the availability of this opportunity.

To apply for residence at the Apartment Complex or for the next academic year, contact the Housing Office.
OPINION

LETTER TO THE EDITOR

By Jerry Shimmons

The column in the Avion is commonly read as a means of avoiding the good and more important and serious problems of our beloved university. That I would like to use it here is a new "wide - the middle." Mostly something, the lack of a technology degree here and at E.R.A.U. Since the administration chooses to consider such education - education - what can be more detrimental to a pilot than the environment in which he flies? Hypothetically, there are only one or two technology courses offered here at E.R.A.U., one of which is mandatory for an Aeronautical student. The "false" sampling is hard enough to fetch the surface of this complex subject, which a working knowledge in it is all. It's no secret that a large percentage of both general and commercial aviation accidents are weather related. The best advice that I have found is straight down and to avoid all pilots of weather and its potential hazards.

The financial investments required on the part of the administrative to set up a technology program must be re - balance in comparison to the long - term benefits of such a program. I feel that the administration should start practicing what it preaches and wake up to this urgent need now! Any student who would be interested in a technology degree program please make yourselves known by...dropping a note in my box...or by Frank Wancowicz.

Three years ago a similar effort was made by the administration. If enough interest is generated among students, the same result won't occur this time.

Kylie Morris

LETTER TO THE EDITOR

By Jerry Shimmons

In the two years I've been at Riddle, I've watched prices of just about everything go up - automobiles, insurance, books, food, beer, etc. However, there is one price that is still the same and has been the same since 1971, and that is the SGA fee ($11).

The question is: What do you get for $11? Such a long way and it is obvious to know when there is buying power and numbers. Let's just take a look at what your $11 gets you: for your money you get a published newspaper (Avion); once a year, you receive a membership (Avion) for your listening enjoyment and as a daily source of campus communication, you have your SGA Secretary (Avion). I am not trying to say that this is all worthless (Avion), but it can also be described as useless information. I have not heard any SGA comments on the subject.

I also understand that WEER's former president is now our SGA president, and I think that's an excellent place to manipulate such an action. This only goes to show that someone who made this decision to start directing large sums of money towards an investment in which to do things, there have not been consulted or even confronted with it. I am to assume that these large sums of money were misplaced through the SGA office during the summer and not less than half of students were here to voice their opinions and to make the STUDENT Government work. It is possible, and I can assume that the SGA is not serious about student participation. I hope you are printed and that you should know to my curiosity about an action towards the problems concerning the shape of student Unions and student decision making.

(Please print anonymously)

Kurt Kollander

LETTER TO THE EDITOR

By Jerry Shimmons

EDITOR

The OPINIONS EXPRESSED IN THIS PAPER ARE NOT NECESSARILY THOSE OF THE UNIVERSITY OR ALL MEMBERS OF THE STUDENT BODY. LETTERS OR NARRATIVE REPORTS SUBMITTED WILL BE PRINTED PROVIDED THEY ARE NOT LEGAL, Obscene, or Libelous at the discretion of the Editor, AND ARE ACCOMPANIED BY THE SIGNATURE OF THE WRITER. NAMES WILL BE WITHHELD FROM PRINT IF REQUESTED.

OPINION ON OPINIONS OF THIS NEWSPAPER

By Michael Jewowski

SGA President

I would like to respond to the theme of the OPINIONS of this newspaper which has been suggested by some students. It is important for the campus community to have open and honest communication. As SGA President, I encourage everyone to express their opinions and participate in the discussion.

VP THOUGHTS

By Frank Park

President

VP of SGA

FALL TERM \( \text{September 20, 1978} \)

This semester, the SGA has been working to improve the campus environment. As SGA President, I want to thank the students who have been involved in the improvements. We have made significant progress in the areas of budgeting, student activities, and public relations.

1. Budgeting: The SGA has worked hard to secure the necessary funds for various initiatives. We are dedicated to ensuring that the students' voices are heard and their needs are met.

2. Student Activities: The SGA is committed to providing a wide range of activities to enhance the campus community. We have organized a variety of events, such as concerts, sports tournaments, and social gatherings.

3. Public Relations: The SGA has been active in maintaining positive relationships with the university administration and other external entities. We have made efforts to communicate effectively and to ensure transparency in our operations.

As SGA President, I am committed to the well-being of the entire campus community. I encourage all students to participate in the opportunities available to them and to express their thoughts and ideas. Together, we can create a vibrant and dynamic campus environment.

Sincerely,

Michael Jewowski

SGA President
TAKETIME OUT
FOR A MOVIE!!
Most college students (or students at heart) have seen Aristotle. I believe it to be a excellent, inexpensive, and the house down, Delta Tau Chi is the worst fraternity on campus, but they sure believe in a good time - and isn't that what college life is all about? - Toga parties, food fights, and love's lane. - But even in the end, when the chases are down, and the house gone, Delta gets to sample the taste of revenge, and the taste of victory! Everyone has his own hour and seems to wait for an opportunity. What do you think they will try their fruit melted cheese and good Italian - that is the one item they have seen Anexpensive (Produced by National Transylvania.)

COSMOS TACOS - For a little spice in your meals, try Cosmos Tacos at 6th Voluntia Ave. Besides serving both hard and soft shell tacos for 55 cents, they also serve a wide variety of Mexican food such as barbacoa, enchiladas, burritos, and tostadas. You also might like their honey-sweetened, honeycomb broccoli. Cosmos is an excellent break in the hamster wheel.

COSMETICS - If you are looking for the latest cosmetics, try Avion Staff Parties, 8th St. Majors.

REVIEW
The movie was not original - the audience participation but it seems to have hit hard and audiences all over the U.S. are following an unwritten script of yelling and singing and throwing things.

There will be a few showings of the movie on Saturday the 26th at 11:00 at the Dixon Theater (Beach Street) I would recommend seeing it in person who will have experienced a very different type of movie. Bring your friends.

MOVIE REVIEW
By Daniel Kipper

"The Rocky Horror Picture Show" is a 1974 movie which is so bad, it has the opportunity to review it for 1978.

The basic story is about a real transvestite doctor (Dr. Frank N. Furter) who is starred by Tim Curry. The doctor is actually from the planet Transylvania in the galaxy of Transsexual, but he has landed his castle on Earth in the attempt to propagate his morality of "instant sexual liberation."

Both Majors (played by Barry Bostwick) and Janet Weiss (Susan Sarandon) play as an engaged couple who have the misfortune to have a flat tire in front of the castle. Dr. Frank N. Furter encontrar &i..."
When balloonists talk of their hobby as the spirit of the sensation and traditions, they consider its fast-growing appeal is because it is such a delight in one's high-speed generation; a gentle pandemic practiced by people of romantic nature and the spirit of adventure. It is difficult to explain the feelings and unless you fly a balloon you'll never know it. Since you are moving with the wind you feel no wind and you have a complete sense of detachment from everything. There's no motion in the braze, it's cab, still slowly.

One Californian engineer shouts the survey of William Blake to the wind when he flew up. Others listen listenless to the tiny everyday sounds of the earth below, dogs barking, doors slamming, children shouting. It's quite stirring and a lovely feeling.

The balloon flight first reported to brothers Joseph and Etienne de la Rame in France back in 1782.

They were inspired by watching sparrows fly up chimneys, while watching them come up with the idea of filling little later they constructed a huge bag of linen or silk in circumference, filled it with hot smoke over a few feet, and watched it fly over a mile.

The next year before the king and queen of Versailles. They repeated their experiment carrying a mouse a duck and sheep, and finally, on November 21, 1783, François Pilâtre de Rozier and the Marquis d'Arlandes became the first human beings in flight, drifting gently outside the city of Paris at 300 feet.

Ballooners became quite a fad. Soon balloons were filled with hydrogen and all kinds of violations appeared, including some with bees.

Early ballooners were balloonists as well as ballooners. Hydrogen was always dangerously inflammable and balloons, the sale of the two, was too costly and not all sold satisfactorily.

With the appearance of the airplane, balloons had a technical point of view of the future. In the beginning the sun of flights could do and can.

This went ballooning. Into a field.

Tough inexpensive plastic that resulted in scientific application of gas filled balloons in the 20th century. This development progressed the use of balloons for many purposes, but it was not until the creation of an inexpensive new system to make the air hot to give the balloon lift, together with new developed materials for envelope that sport balloon possibilities became widespread.

For the people who are balloonists, there is no curiosity quite as exciting as floating silently through the skies. Balloon has been called "the gentle sport" because of the safety and beauty of silent flying. Each flight is an adventure, taking to a different landing spot with different people waiting to greet you. A balloon has no sharp edges, it is big and powerful and totally peaceful; curiosity and excitement overcome landward mysteries of strangers and lasting friendships are formed.

Balloon is good time with good friends. A new ballooning internet is always well - received and encourages to join the ballooning activities that take place every weekend around the United States. Whichever you are, if you need to do a course out and join the fun.

The modern balloon contains a giant concept of nylon fabric enclosing 50 to 100 thousand cubic feet of hot air. This air is heated by a burn for humans capable of forming wind of 1071 mph of hot air per hour into the envelope. It is supplied by fuel or rope cables affects space for the liquid, 2 or 3 pressure, 32 or 4 feet tank and a small instrument package.

When you fly in a balloon you are supported by wind and space. The world dents away from you and you drift with the wind - you become part of the wind - destination unknown.

CAP continues to save lives

MAXWELL AFB, Ala. - Civil Air Patrol (CAP) units across the nation continue to add new names to the unique organization's growing list of lives saved in 1978, bringing the year's total to 61.

CAP's Idaho Wing recorded the latest save on Aug. 12 when members of the Moscow Composite Squadron used a dog team to find a missing 27-year-old man.

The search effort was launched when the Lincoln County Sheriff asked for CAP assistance. The man was located and taken to a local hospital.

According to information that was verified this month, the Hawaii Wing was given credit for saving the lives of four persons involved in a boating accident in June.

The lifesaving mission was initiated when a woman called the Hawaii CAP and said her husband was overdue from a boating trip. Within 30 minutes after receiving the call, CAP Colonel Robert Hiles, Lyons Field Composite Squadron operations officer, had coordinated the emergency with the Rescue Coordination Center in Honolulu and was airborne.

The search was called off at dark. An Air Guard CAP aircraft was returning to base Colonel Hiles noted that the night search, which turned out to be the missing man, was a roundthefall and the four people were safe.

The CAP pilot notified the Rescue Coordination Center of the find and searched the area until a civilian helicopter arrived to pick up the survivors.

EXPLOITATION COMING FRIDAYS SEPTEMBER 29

THE ROCKY HORROR PICTURE SHOW

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IN SELF-AWARENESS

FOR ADMISSION, PRESENT YOUR EAU ID CARD
A TRIP TO AN ENGLISH MUSEUM

by EAD KAHLER
Aeron Staff Reporter

On a recent trip to England, I had the opportunity to go to the Museum of Aeronautical Science in London and see a privately owned grass strip outside of London. I saw many interesting exhibits and models which demonstrated the growth of aviation in England.

The exhibits included some early War radial engines, reconditioned warbirds from Wartime and models of the Concorde with full explanations. They also had a display of their Instrument Landing System and their Instrument Microwave Landing System (IMLS).

I thought the Concorde exhibit was especially interesting. They explained how water tanks throughout the inside of the plane are emptied and filled to meet the weight and balance requirements for all the many flight attitudes, while the same water system is used for cooling. The British are extremely proud of their air planes and their exhibit included movies, slides, and a model which demonstrated the droping of a bomb, which varies according to flight attitude.

They had a large diagram of the British instrument landing system and it was interesting to compare our system with theirs. They also had a display of their IMLS, but unfortunately it was off and gave no real good description of the system. I thought this lack of knowledge on the part of the staff at the MLS was a problem.

The British aviation system is much like our own, however we are more advanced in our avionics technology. There is no doubt in my mind that the British have excelled in some area that we have not, such as the Concorde. There are minor differences in our systems (the British have a 5,000 foot glide path) but both countries are generally willing to share knowledge.

CELEBRITY NEWS

Cessna announces re-organization of sales and marketing operations

Wichita, Kansas – Cessna Aircraft Company has announced a reorganization of its domestic sales and marketing organizations that will increase the number of sales and service offices in the field. Also included is a recognition of the company’s internal sales and marketing operations.

Cessna’s Director of Commercial Aircraft Sales, P.M. Bogard, called the move an aggressive effort that will benefit not only the company and its wholesale and retail networks, but especially the customer, who will receive even more specialized sales and service attention.

In effect, the 12 current wholesale regions (seven will each have two offices, located in different cities. One office will be responsible for sales of multi-engine aircraft, and the other will concentrate on single-engine sales activity. Until now, one office in each zone was responsible for the sale of all Cessna aircraft models.

Bogard said the new operations will allow the organization to have sales and service specialists specifically trained in the products they are handling.

“T he addition of this organization will allow the sales offices to provide much wider distribution, allowing each to serve its dealers more effectively,” Bogard said.

Separate single-engine and multi-engine marketing divisions will be established. In Wichita, a 12,000 square foot addition to the current marketing facility is scheduled to be completed early this fall, to accommodate the expanded operations.

They’re Upward Bound - Students in the Upward Bound Program at Emlry-Riddle Aeronautical University receive Certificates of Achievement from Dr. Ron Wiley, Dean of Aeronautical Studies during an awards banquet at the University last month. The special dinner and presentation in E.R.A.U’s University Center was highlighted by an address by E.R.A.U President Jack Hutt. Emphasizing the need the students had made during the special in-work program over this summer. Most encouraged were the continued integration and attain college degrees. The Upward Bound program at E.R.A.U. uses the services of the Federal government to provide financially disadvantaged high school students to continue their educational experience in post-secondary education. In recent years, about 30% of E.R.A.U’s Upward Bound students have gone on to college, approximately 85% of that group have remained in college through graduation. (E.R.A.U PHOTO BY MITCH HARRIMAN)
AF ROTC

C/32L: Jaimie Allen

Well after what turned out to be an exciting and definitely entertaining weekend we’re back at the old grind of school. Sunday was the Beach Party for AFROTC. Prince inlet was the site of several events Saturday afternoon. We had a good turnout of cadets and dates. Lots of frisbees, footballs, volleyball and inner tubes flying through the air! There was plenty of food and cold beer on hand, along with a ton of fun. Only a couple of incidents occurred to dampen the festivities. A couple of cadets were unfortunate enough to be hurt and three or four cadets have their fingers cut off in these whirlies. Other than that, a good time was had by all!

Our football team is having a great turnout in people this year. We think we’ll see everyone our!! We hope that everyone turns out to support the team!! It makes winning a lot more fun.

A reminder to all POC’s: Commuted time schedules should already be posted! Also, if any POC or cadet Air Society member intends to attend the Dining - In Sept 30, pay C/32L Paul Armitage $9 MAD.

Well, until next week, keep your trimmest and your uniforms neat!! See ya!!

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2.54
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1.55
1.24
8 x 10
3.85
3.08

AF ARMY SOCIETY

Bill Ross Wilson, Jr.

ARNOIT ARMY SOCIETY

Timothy M. Robinson

This past weekend was a busy one for Arnold Air Society members. It started on Friday night at the pledge party and ended on Saturday at the AFROTC beach party.

The pledge party offered a good time for all involved pledges, and for those who just wanted to have a good time and meet some new faces. For most, it all started at around 7:30 p.m. and ended at about 11:45 p.m. For others, it continued through the night. For Mike and Phil through, it didn’t end until they became “sirius.”

The AFROTC beach party was Saturday afternoon and it again was a good time for those who went.

AAS had its first official meeting on Monday, September 11. All of the officers were introduced and we discussed upcoming events.

The first event will be a bake sale sponsored by the March of Dimes organization. AAS will supply the manpower needed to set up and take down the activity and any other goodwill supplied by March of Dimes. The bake sale will start at 3:30 p.m. and run until 6:30 p.m. AAS members hope to see you there buying some of those goodies you miss from home.

Future AAS projects will focus on children and working closer with Air Force Reserve Officer Training Corp.

HALIFAX BOWLING

RIFFLE BOWLERS

Once again the Riffle bowlers returned to the lanes last Thursday night for the annual heroic first night. Bob Allen continues to demonstrate his style with a high game of 233 and the highest series of 388. This woman was once far behind with C. Williams’ high game of 196 and Karen Critchi’s high series of 100. Mike Weikel wasn’t far behind either with his 77, so he must be trying for the ‘most improved’ trophy - sorry Mike!

The naming of the teams showed the originality of some of the bowlers. The “Recent Retirees” must be the only people who know what their team name means. “Good Buy Air Go-Go” must be dropping hints to the long standing first place team “Pins A Go-Go.”

You can’t help but notice the “heavyweights” because with their size they really stand out. Finally, what kind of demoted minds would name themselves “champions.” To all the returning bowlers, welcome back to all the new members, good luck!

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FRATERNITY CORNER

LAMDA CHI ALPHA

By "Glidle"

As you can see in my letter of last week, I began writing this article. The reaction I received to the letter was favorable. It seems that many people like to hear about the adventures of Lambda Chi Alpha and the Lambda Chi Alpha experiment.

Last week we had our second meeting. Because of the interest a number of prospective members showed in Lambda Chi through our first meeting, we have a good response. The meeting itself was very well and afterwards the fraternity split up and went to "Avenue Home" and "Eide's." This week we all worked all day on the football game. After the game Brother Doug invited everyone back to his house to celebrate his birthday as well as their own. We are all very excited about the first fall on a Sunday.

Congratulations are in order to Donald Dye, T. M. Neubert, and Sandy Minkman for being initiated. We are also proud of all the initiates who have recently been hired on the Embry-Riddle campus. Because of the number of people who are unaware of Sigma Delta Chi and the possibility of adding more members to our organization, we have started a new program called "The Management Club." This club was started for all incoming students who are interested in helping the fraternity grow and prosper.

We are all very excited about the first fall for our new members. We hope to welcome new members to our organization and to continue to make Lambda Chi Alpha a strong and successful organization.

By "Gil"
PRINCETON, N.J. — Many minority students, entering their junior and senior years of college or already possessing undergraduate degrees, may be thinking about continuing their education in graduate school.

If so, Educational Testing Service (ETS) and the Graduate Record Examination Board can offer potentially advanced study.

Through the Minority Graduate Student Loan funding developed by ETS and offered by the GRE Panel, college seniors, graduates and graduates who are members of racial and ethnic minorities in the United States can make their intentions known to graduate schools seeking such applicants.

There is no cost to students for this service.

Students sign up by completing the registration form contained in the GRE/MGRE Information Bulletin. It is the same form used to register for the Graduate Record Examinations. The GRE are comprehensive aptitude and advanced tests used in the admissions process by many of the nation’s graduate schools.

Students need not take the GRE to be considered. The Information Bulletin explains all students must know to participate in the service. Copies of the Bulletin can be obtained in most colleges or by writing to NGSLE, 251, Princeton, N.J. 08542, or take part in the Locato r Service, student describe themselves by answering a series of questions on the registration form that ask for ethnic background, undergraduate major, school, and other information about educational experience and objectives. This information is placed in the Locato r Service file and made available upon request to participating graduate schools. GRE scores are not included in the Locato r Service file.

Each graduate school establishes its own criteria for identifying students in the Locato r Service file based on individual major field of study, degree objective and state of residence. Students write to the Locato r Service and meet the criteria set by a particular school will have their names automatically submitted to that school.

Students who want to make more information available to graduate schools three times during the academic year must have their registration forms in by Sept. 15. A student who misses that deadline and has the forms in by Nov. 1 will be able to participate twice. Graduate schools will correspond with those students.

Last year, more than 21,000 students made use of the Locato r Service, and this first information was provided to more than 130 graduate schools around the country.

The GRE and the NGSLE are administered by ETS under policies determined by the GRE Board, an independent board affiliated with the Association of Graduate Schools and the Council of Graduate Schools in the United States.

On February 10, 1979, a Columbus Pacific Airlines Cockeys Model 575 exhibited an excessively steep climb immediately after takeoff from the Rochester Airport, Washington, D.C. The aircraft stalled and crashed, killing its 15 passengers.

As a result of its investigation of the crash, the National Transportation Safety Board (NTSB) inferred that certain corrective actions were warranted. Examination of airplane components,ally identified problems within the airplane's horizontal stabilizer that were expected to result in impact damage and use thereby believed to have existed before the crash as a result of inadequate maintenance.

The trim system is a twin joystick driven by an electric motor; it includes a clutch mechanism designed to limit the electrical power applied to the motor after the airplanes' reaches the end of its travel or encounters excessive wind.

The clutch consists of two plates separated by a ball bearings which are restrained in a housing by a spring load. Damage is transmitted through the ball bearings during normal operation. If the engine load is imposed on the spring load, it will result in a significant airplane weight, and, in effect, reduce the airplane's performance and control forces among which would be the actuator's failure, the effect of the clutch misalignment, the effect of the horizontal stabilizer's displacement during operation.

The actuators which were used were compliant with the limitations of the horizontal stabilizer. These actuators were found in the actuator in the concordance of data, but exhibited significant performance and control forces which would also be the actuator's failure. The effect of the alignment, the effect of the horizontal stabilizer's displacement during operation.

The trim system, which was the actuator's failure, could result in a significant airplane weight, and, in effect, reduce the airplane's performance and control forces among which would be the actuator's failure.

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CAREER CENTER NEWS

The Career Center is located on the second floor of the University Center. It's Placement, Career Planning, and Cooperative Education programs are open for your use. Come in and get acquainted with our staff, representatives from industry, and representatives from the local community. You can also apply for any of the jobs that are advertised in the community.

1972 CAREER CENTER NEWS: Local Co-op Placements, April 1972

From the pages of the Career Center Newsletter:

- Placement of Engineering Students: A full-time job for students interested in the field of engineering.
- Co-op Program: Open to all Engineering majors.
- Summer Jobs: Opportunities for Engineering students to gain experience in their field.
- Cooperative Education Program: A way for Engineering students to combine classroom learning with practical work experience.
- Career Planning: Assistance for Engineering students in choosing a career path.
- Alumni Connections: Networking opportunities for Engineering alumni.

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