

4-1-1978

Avion 1978-04-01

Embry-Riddle Aeronautical University

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

Scholarly Commons Citation

Embry-Riddle Aeronautical University, "Avion 1978-04-01" (1978). *Avion*. 313.
<https://commons.erau.edu/avion/313>

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.

ACCREDITATION LOST

SEE
PAGE
6

THE AVIOFF '78

EMBRY-RIDDLE AERONAUTICAL UNIVERSITY

SENIOR QUALIFYING EXAM

In an attempt to uphold the academic standards of the university, the Board of Trustees have devised the following exam. The exam will be given to all seniors prior to graduation, with a passing score of 97% required. Retesting will be allowed after four years, pending receipt of 100 hours of additional credit.

This year the exam will be given on April 20, on the academic flight ramp. Be sure to bring all personal equipment and, to come prepared. A body search will be conducted prior to entrance into the testing area.

NOTE: Female security guards are needed to conduct the above mentioned body searches for male graduates. Physical qualifications requirements and application blanks may be picked up in the Student Activities Office, ask for Jimmy.

INSTRUCTIONS: Read each question carefully. Answer all questions. Time limit - 4 hours. Begin immediately.

HISTORY: Describe the history of the papacy from its origins to the present day, concentrating especially but not exclusively, on its social, political, economic, religious, and philosophical impact on Europe, Asia, America, and Africa. Be brief, concise, and specific.

MEDICINE: You have been provided with a razor blade, a piece of gauze, and a bottle of Scotch. Remove your appendix. Do not suture until your work has been inspected. You have fifteen minutes.

PUBLIC SPEAKING: 2,500 riot-crazed aborigines are storming the classroom. Calm them. You may use any ancient language except Latin or Greek.

BIOLOGY: Create life. Estimate the differences in subsequent human culture if this form of life had developed 500 million years earlier, with special attention to its probable effect on the English parliamentary system. Prove your thesis.

MUSIC: Write a piano concerto. Orchestrate and perform it with flute and drum. You will find a piano under your seat.

PSYCHOLOGY: Based on your knowledge of their works, evaluate the emotional stability, degree of adjustment, and the repressed frustrations of each of the following: Alexander of Aphrodisias, Ramses II, Gregory of Nicea, Hammurabi. Support your evaluation with quotations from each man's work, making appropriate references. It is not necessary to translate.

MANAGEMENT SCIENCE: Define Management. Define Science. How do they relate? Why? Create a generalized algorithm to optimize all managerial decisions. Assuming an 1130 CPU supporting 50 terminals, each terminal to activate your algorithm; design the communications interface and all necessary control programs.

ENGINEERING: The disassembled parts of a high-powered rifle have been placed in a box on your desk. You will also find an instruction manual, printed in Swahili. In ten minutes a hungry Bengal tiger will be admitted to the room. Take whatever action you feel appropriate. Be prepared to justify your decision.

ECONOMICS: Develop a realistic plan for financing the national debt. Trace the possible effects of your plan in the following areas: Cubism, the Donatist controversy, the wave theory of light. Outline a method for preventing these deficiencies in your point of view, as demonstrated in your answer to the last question.

SOCIOLOGY: Estimate the sociological problems which might accompany the end of the world. Construct an experiment to test your theory.

Continued on page 3

Female Students Arriving In Fall

by Gail Tworek

The Board of Directors of Embry-Riddle announced Monday that they would begin accepting bids for the construction of the new dormitory complex scheduled to be finished by the Spring trimester of 1979. This complex will consist of eight buildings with 100 rooms in each and will be reserved exclusively for the 1,600 female students expected to arrive in Fall of this year. At least four of these buildings are expected to become sorority

houses for the girls. This large increase in student enrollment can be directly attributed to the hard work of the Marketing and Development department, who recruited girls throughout the country to come to Embry-Riddle. The school will finance this project through an increase in the Student Services fee next fall. Since the girls have nowhere to stay for the fall trimester, those who have extra room to donate are requested to leave their names with the Dean of Housing.

Riddle To Get MIG-21's

By Randy Cheshire

Embry-Riddle and the Soviet Union have come to an agreement at last! Riddle will receive 20 MIG-21's which will be used to fulfill the FAA requirement for a complex aircraft during the Commercial Pilot course. While the MIG is a little faster than your average Cessna-172, Riddle administrators foresee no problems.

The traffic pattern will definitely speed up around DAB, and orders will be given to all MIG pilots to "run 'em over if they get in your way."

Some of the flight instructors questioned the administration's choice of aircraft and the administration answered with "aw, what the Hell, they can handle it."

SCHOOL LOSES MONEY

The Board of Trustees of Embry-Riddle Aeronautical University recently announced that the main campus in Daytona Beach has lost money for the tenth consecutive year.

This announcement was made in connection with the school's plans to transfer back to Miami, and cut out all undergraduate programs in the East. Jack Hunt, President of the school explained that the

Continued on page 3.



FAA DISCOVERS NEW CAUSE OF LIFT

By Randy Cheshire

The FAA has discovered that lift as we know it does not really exist. I asked Langhorne Bond, Administrator of the FAA how we could have been wrong all these years about something so fundamental. He replied, "Listen, I never said there was any such thing as lift. I've always been an advocate of the idea that lift was all in the mind." A very interesting idea! Anyway we now know that lift actually comes from a garage outside of Gainesville, Florida, where it is manufactured by little men running large machines. The lift is then distributed throughout the atmosphere where it ages for several years before reaching maturity. By the way, 1972 was a very good year for lift. After reaching maturity the lift attaches itself to various aircraft as they get ready for flight, and then pulls the plane into the air as it goes down the runway. Any thrust produced by the engine is totally incidental.

When confronted with the new facts on the production of lift, Mr. Kumpula, better known as "Old Man Aerodynamics," was speechless. He was later seen walking around in a daze mumbling $\frac{1}{2} \text{ Rho } V^2 \dots \dots \dots \frac{1}{2} \text{ Rho } V^2 \dots \dots \dots$



NEW REQUIREMENTS FOR GRADUATION MAY CAUSE SENIORS TO STAY ANOTHER TRIMESTER. (Story on Page 7.)

FREE BEER WITH COUPON BELOW AND RIDDLE I.D. REDEEMABLE AT U.C. PUB THIS SATURDAY.

OPINION

The opinions and views expressed in this paper are solely those of the writer, and are not necessarily those of the university or all members of the student body. Letters appearing in the Avion do not necessarily reflect the opinions of this newspaper or its staff.

EDITORIAL

By Ray D. Katz
AVION Editor

By The Cat's Whiskers

This is the first, last, and only Avioff that I will ever publish. So, in honor of this great and honorable occasion, I would like to say thanks to all the students who paid their \$11 to print this rag. Further, instead of bad mouthing anybody I'd like to take this opportunity to point out some of Embry-Riddle's strong points:

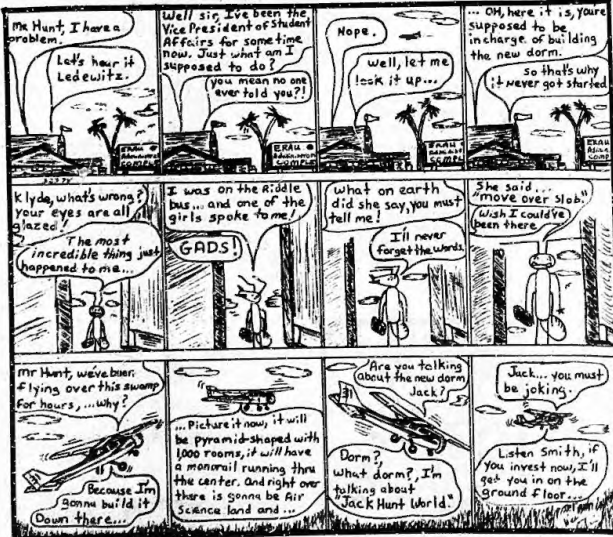
- 1) E-RAU is the least expensive school of its kind in the world.
- 2) At E-RAU, the students' problems always take precedence, and are resolved with a minimum of fuss and bother.
- 3) There are always airplanes readily available, and the scheduling is first rate.
- 4) The classrooms are a delight; there are always enough chairs; and the air conditioning system makes it easy to study and learn.
- 5) The library is the largest in existence, with the facilities being the easiest to use.
- 6) All of the labs - engineering, physics, chemistry and avionics are well stacked, not crowded and are places of intense learning.
- 7) The campus is quiet, with an air of academic excellence. There is no parking problem, and it's never very far to walk to the next class.
- 8) The social life on campus helps to enhance the emotional development of the students, so that when a student graduates, he is a well-rounded individual.
- 9) There are computer terminals all over the campus, making it easy for a student to make the most efficient use of the terminals, and his own time. One can always use the terminals, regardless of enrollment in a computer course.

I'd like to close with a comment. I have, for most of the editorials that I have written pointed out weaknesses and deficiencies, in hopes that by bringing them to light they would be corrected. Our fearless student leader, Michael with a "J" requested that I write from a more positive point of view. Thus I have written an editorial full of praise, - and because there are no problems at E-RAU, nothing more needs to be said.

Ray D. Katz

Klyde Morris

was oie/zew/hl



Riddle lowers age for acceptance to boost enrollment
(Photo AND BABY by Henry)



I wonder what will happen when I push this red button.
(Photo by Henry).

PRESIDENT'S CORNER

By Michael "With A J" Jaworski

As of today, I've been in office for an entire week and during this time people have been congratulating me and asking what I will do for the student body. Friends, it's not what I can do for you, rather it's what I can do for myself!

My main objective is to build an empire for myself. In this way the SGA will have more power than ever envisioned. I'm tired of seeing your \$11.00 SGA fee pilfered away on such things as social functions, The AVION, Phoenix and WERU Radio. I intend to

spend your money on myself. In this way I can be personally accountable for every dollar spent.

I have also decided that the best way to further myself and my empire is to dictate my needs to the Administration rather than go through channels in a diplomatic manner. Should they decide not to bend to my will I can always

resort to employing revolutionary tactics. Mercenary forces have already been contacted and are on stand-by.

One final note - I believe in equality for all students. You will all grovel at my feet, bow in my presence, and treat me as you would any immortal emperor. Have a happy April.....Fool.



VP THOUGHTS

Frank Park
SGA Vice President

For all the students who have been asking when are SGA elections going to be held and who's running, well here's your answer. They will be held Sunday from 7:00 to 7:30 a.m. under the U.C. (in the pits) and everyone's running for their own office. The re-election election committee council group feels that in this way access is made

virtually impossible to the most broken voting machines, to vote for no one.

The times have been set to accommodate those who are attempting to manage and operate the machines so that when they are set up and no one shows up to vote, it will be time to close and put the machines away. In addition, those who are running for of-

fices will have a long way to run - since there are no vacant offices to move into at this time.

Finally, if anyone has any questions concerning SGA elections, forget them! Heaven is your answers and the phone lines are all tied up with the Dean of Students and Housing offices.

STEWARDESS PROGRAM

Beginning with the Fall '78 trimester, Embry-Riddle is reorganizing its stewardess training program and getting the program into full swing. All of the major airlines will be sending their beautiful candidates to sunny Daytona Beach for an initial instructional period of six weeks.

While here, the candidates will be housed in any vacant beds available in the dorm and in the Royal Scottish Inn. Practical application of their never-ceasing comment, "Coffee, tea, or me?" will be conducted in the dorms when they are not in class.

At the completion of the initial courses, the top ten from each airline will be chosen on their personality, friendliness and position in the "Is there anything I can do to make you comfortable?" Contest. The top ten from each airline will be required to finish the advanced courses before obtaining their wings.

We at Embry-Riddle are proud to have an opportunity to participate in the development of the ever-increasing airline services.

the avion staff

- EDITOR
- NEWS EDITOR
- BUSINESS MANAGER
- LAYOUT EDITOR
- SPORTS EDITOR
- PHOTO EDITOR
- STAFF REPORTERS
- LAYOUT ARTISTS
- PHOTOGRAPHERS
- COPY READER
- SECRETARY
- FACULTY ADVISOR

- Ray Katz
- Mark Shumway
- Bill Hume
- Chuck Henry
- Dick Butler
- Randy Cheshire
- Daniel Karger
- Les Panek
- Jonathan Bailey
- Jeff Newlin
- Dennis Mitchell
- Keith Kollarik
- Dennis Lovejoy
- Chuck Henry
- Jerry Rutherford
- Vacant
- Jean Snyder
- Lee Hansen

VOLUME 28, ISSUE 8

Published weekly throughout the academic year and bi-weekly throughout the summer and distributed by The AVION, Embry-Riddle Aeronautical University, Daytona Beach Regional Airport, Daytona Beach, Fla., 32014. Phone 252-5561 extension 313. Trimester Subscriptions - \$3.25.



"Go back for one more pass, it's still sticking up a little" (Photo by Jerry.)

Scenes On Campus



Attention FL 306. Rows 39 to 52 now loading at Gate 17.



Bigfoot (leaving trail of destruction) last seen headed towards E-R dorm. (Photo by Henry).

Gulfstream II Purchase

Due to the great demand for jet-qualified pilots today, Embry-Riddle is planning to buy a G-2 for their growing fleet.

It is expected to arrive around August this year with the beginning of the jet courses. Both students of E-RAU and

professional pilots will be able to participate in the G-2 course.

The price has not been established at this time, but is expected to be less than the cost of the Citation program with the corporate pilots taking part. Keep your eyes and ears open for that new G-2!

New Courses Being Offered At Embry-Riddle



BEGINNING SUMMER "A" TERM - 1978

'Get A Head, The E-RAU Way'

FIRST CLASS INSTRUCTION IN MODERN UP-TO-DATE EQUIPMENT



E-RAU INSTRUCTOR PREPARING FOR A STUDENT BRIEFING

FOR MORE INFO, CONTACT DICKIE AT EXT. 398



Riddle Student captures strange object in woods. Claims it attacked him. (Photo by Henry).



Riddle student loves soccer, has face transplant. (Photo by Henry).

Continued from front page

Undergraduate programs at E-RAU West, in Prescott, Arizona, would be continued because the tuition of \$6,000 per trimester had been sufficient to make up the losses. The Board of Trustees had decided that it was time for them to start declaring a profit and pay dividends.

This year's losses totaling 2 million, the largest single year loss in the school's fifty year history. This brings to 80 million the total loss from the Daytona Beach campus. Mr. Hunt attributed the losses from this venture to the large expenditures made for student facilities. He stated that the library was the largest aviation

oriented library in existence, the computer system allowed each student in school to have access to a computer terminal (maximum eight students per terminal) with terminals located in all the labs, and all the 20 academic buildings. He displayed pictures of the luxurious dorm suites, large brand new fleet of aircraft which includes six of the new four-place Foxjets used for advanced training, and the well appointed student center. Hunt commented that the complete physical plant would be sold at an auction to recoup the losses, while the aircraft fleet would be transferred to Prescott.

continued from front page

POLITICAL SCIENCE: There is a red telephone on the desk beside you. Start World War III. Report at length on its socio-political effects, if any.

EPISTEMOLOGY: Take a position for or against truth. Prove the validity of your position.

PHYSICS: Explain the nature of matter. Include in your answer an evaluation of the impact of the development of mathematics on science.

PHILOSOPHY: Sketch the development of human thought; estimate its significance. Compare with the development of any other kind of thought.

GENERAL KNOWLEDGE: Describe in detail. Be objective and specific.

AVIATION: Design and build a fighter capable of flying at Mach 4, carrying a payload of 2 tons, and having a range of 5,000 miles. Test fly it, and resolve all handling and environmental problems. The final exam will be a dogfight with a MiG-25 over Moscow. Remember, you must get to Moscow undetected, and return within the test time limit.

ALL BRANDS DISCOUNT



Ask local Representative About Package Deal. Must Sell In A Hurry. Call 255-8474 For Information.

Also Includes



Perform Aerobic Stunts Never Before Performed On The Ground

10% DISCOUNT - TO RIDDLE STUDENTS WITH RIDDLE I.D.'S

Buy one flopper & get another 3 free. ONLY when you Have it OUR way

HURRY! while the juicy things last !!



THE AVION

THE AWARD-WINNING NEWSPAPER OF COLLEGE AVIATION

EMBRY-RIDDLE AERONAUTICAL UNIVERSITY

APRIL 1, 1978

VOLUME 28, ISSUE 10

Placement Of Miami Grads Remains Strong

Dr. Wells reports that recent graduates of the Miami Graduate Center have had exceptionally good success in finding career opportunities in all segments of the aviation industry. Steve Smith, who received his undergraduate degree from E-RAU Daytona and his Masters degree in Aeronautical Science for the Miami Center has been hired by Beech Aircraft as a Zone Manager. His initial assignment will be in Wichita. Ken Jagodzinski, another E-RAU alumnus and recipient of his Masters in Aeronautical Science is presently flying for two corporations in Michigan. Both graduated in December, 1977.

Two international students, who graduated with Ken and Steve in December, returned to their country to assume greater responsibilities. Kaku Kwaw, who received his B.S. degree in Daytona and Master in Miami is presently acting Director of Civil Aviation for Ghana, West Africa. Esam Wefati has returned to his native Libya where he is Director of Flight Safety in the Civil Aviation Department.

Other recent graduates include Jim Herman who is in Cargo Claims at National Airlines, John Gannon who is a Sales Representative with Emery Air Freight, Walter Hawkins, a Customer Services Representative with Delta, Phillip Harrison, Manager of Market Research with Air Jamaica, Bill Bernardini, a representative with Cesna Finance, Oliver Gagne with Landrum-Brown Airport Consultants, Joel Russell, Manager of Westchester County, N.Y. airport, Barry Smith, a Sales Representative with Piper and Wayne Mills, a Cesna Pilot Center Representative.

Earlier graduates seem to be progressing well in their careers. Ralph Blanchard, who has held several positions in airport management, since graduation in 1975, is presently airport manager of the Liberal Kansas airport. Similarly, Mike Donovan, who was in a years' internship at Dallas-Fort Worth Airport is now Manager of the airport in Lebanon, New Hampshire. Steve Bray is winding up his two year training program in Airport Management with the Port of New York Authority and is looking forward to his new assignment in the Aviation Department. Dennis Brooks and Wayne Mostella, our early Aeronautical Science degree recipients are now flying for KLM and Braniff respectively. Other airline pilots include John Morgan, Tom Kenna, Pete Fitzgerald, Chuck Connor, Clyde Bailey and Tom Walby. Mike Bergagnini is presently Payroll Supervisor with National and has received several promotions since receiving his Masters degree in Aviation Management in 1976. Neil Sacks, a Manpower Analyst with Eastern Airlines, Scott Windmiller, a Sales Representative with Eastern Aero and Marine, Larry Carr, a Cargo Representative with Delta and Bob Robillard, an Administrative Assistant with the FAA.

Twelve students will complete all requirements for graduation at the end of the winter term in March. According to Dr. Wells, close to 80% of the Miami Graduate Center's graduates now hold positions in the aviation community and this does not include several who are pursuing doctorates in transportation and law degrees. Particularly significant is the fact that more than half of the new students are coming to the Center with little or no industry experience.

1978 U.S. Soaring Team Selected

SANTA MONICA, Calif., March 17, 1978 - The Soaring Society of America, Inc., has announced the members of its 1978 U.S. Soaring Team. The pilots will be competing in the 16th World Gliding Championships in Chateauroux, France, July 15-30.

Dick Johnson of Dallas, Texas, an eight-time U.S. national soaring champion, will be vying for his ninth bid at the world title. Karl Striedieck of Port Matilda Pennsylvania, the current U.S. National 15-Meter Class Champion and holder of the world out-and-return record of 1,015 miles, will be attending the championships for the first time. Youngest of the team members, 23-year-old Herb Mozer of Bloomfield Hills, Michigan, holds the title of U.S. National Standard Class Champion. And, returning for his second consecutive world championships will be Dick Butler of Tullahoma, Tennessee, the 1977 U.S. National Unlimited Class Champion.

The U.S. Team will be led by veteran team captain Ed Butts of Twin Falls, Idaho, and will be accompanied by a 13-person support crew.

Mozer, who will be flying in the Standard Class at the championships, will be piloting a Schleicher AS-W 19, and Striedieck, who will compete in the 15-Meter Class, will

fly a Schleicher AS-W 20. Johnson, in a Janitz 2B, and Butler, flying a modified Flasflugel 604, considered to be one of the highest performance sailplanes in the world, will be competing in the Open Class.

The World Gliding Championships consist of a series of daily distance tasks, usually averaging about 200 miles. Daily scores are based on the speed flown around the course or on the distance flown, if the task is not completed.

The U.S. Team will be competing against pilots from over 30 countries, including World Open Class Champion George Lee of Great Britain and World Standard Class Champion Ingo Renner of Australia.

U.S. pilots have won the championships in 1956, 1968, 1970 and 1974. In the 1976 international event, team members placed 5th and 7th out of a field of 39 competitors in the Open Class, and 5th and 29th out of 46 pilots in the Standard Class.

Additional information on the championships, or on the sport of soaring generally may be obtained by contacting the Soaring Society of America, Inc., Box 66071, Los Angeles, Calif. 90066 or (213) 390-4448.



U.S. Team pilots, from left, Dick Johnson, Karl Striedieck (in sailplane), Dick Butler, and Herb Mozer.

Bud Balloon Drops In On Campus



By Mark Shumway

Last Friday, one of the Budweiser promotional balloons appeared here at Riddle, and stayed for the afternoon where posters, frisbees, Budweiser glasses and more were given away.

For all of you balloon nuts out there, here are a few statistics: Standing 70 feet tall and 50 feet wide, the balloon was made of rip-stop nylon, with a capacity of 56,000 cubic feet of hot air. The air inside the balloon stays at 80 - 100 degrees hotter than

the ambient air temperature through propane heaters that deliver eight million BTU/hour for an endurance aloft of three hours.

Including their newest addition, the fleet now consists of six balloons, four Budweiser, a Natural Light, and a Bush Based out of Albuquerque, New Mexico, the six full time and three part-time pilots stay busy flying to shows, exhibitions and college campuses all over the continental United States.

50 Pints Short



The students of E-RAU did not quite come through last Thursday and Friday, as the American Red Cross walked away with only 200 donors over a two day period. With a goal of 250, they were over 50 pints short. Let's hope that there will be a better showing next time. Out of 2,500 students, there should be...

THE RIDDLER ???

The answer to last week's Riddler Question was Humphry Bogart as the old Sky King television show. Also, name the ranch that was used as a base and give Sky Kings nickname for his airplane. Good Luck!

Thanks to all for The Riddler being such a big success. The Hanger, Embry-Riddle's own hairstylist shop. The person must come by the Avion office and answer the question. No telephone calls will be accepted.

NOTICES



THE MEDIA CENTER

The Media Center requests your attendance at a BOOK SALE held in honor of National Library Week April 6 and 7 in the Common Purpose Room.

BARGAINS 25 cents
..... BARGAINS

ENCYCLOPEDIA AMERICANA

During National Library Week, April 2-8, a set of 1974 Encyclopedia Americana will be on display in the Media Center. Closed bids will be accepted during the week and at the Book Sale on Thursday and Friday. The sale to the highest bidder will take place Friday at noon. Enter your bid next week.

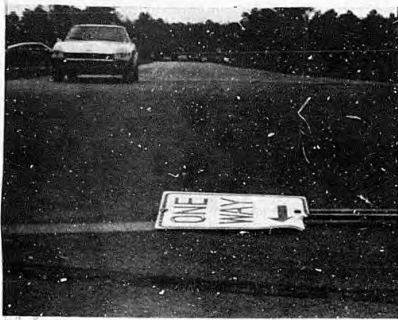
DORM Vs. RSI SET FOR APRIL 8

Once again the Dormitory and Royal Scottish Inn will be competing against each other in the Spring Field Day. The date is set for Saturday, April 8, the weekend before finals and your last chance to really have a great time is on this date. The various events will include Volleyball, Basketball,

Tennis, a Bicycle Race, a Tug-A-War and the ever popular Anything Goes. Any residents that wish to participate contact your advisor for details. And for those who just want to come out for a great time, the festivities will start around 10:30 a.m. That's Saturday April 8. We'll see you there.

INSIDE

| | |
|-------------|----|
| CLASSIFIEDS | 11 |
| CLUB NEWS | 8 |
| OPINION | 5 |
| SPORTS | 5 |



'Go back for one more pass, it's still sticking up a little.' (Photo by Henry.)

Scenes On Campus



Attention FL 306. Rows 39 to 52 now loading at Gate 17.



Bigfoot (leaving trail of destruction) last seen headed towards E-R dorm. (Photo by Henry.)

Gulfstream II Purchase

Due to the great demand for jet-qualified pilots today, Embry-Riddle is planning to buy a G-2 for their growing fleet.

professional pilots will be able to participate in the G-2 course. The price has not been established at this time, but is expected to be less than the cost of the Citation program with the corporate pilots taking part. Keep your eyes and ears open for that new G-2!

It is expected to arrive around August this year with the beginning of the jet courses. Both students of E-RAU and



Riddle Student captures strange object in woods. Claims it attacked him. (Photo by Henry).

Continued from Front page

ndergraduate programs at -RAU West, in Prescott, Arizona, would be continued because the tuition of \$6,000 per trimester had been sufficient to make up the losses. The Board of Trustees had decided that it was time for them to start declaring a profit and pay dividends.

This year's losses totaling 2 million, the largest single year loss in the school's fifty year history. This brings to 20 million the total loss from the Daytona Beach campus. Mr. Hunt attributed the losses from this venture to the large expenditure made for student facilities. He stated that the heavy was the largest aviation

oriented library in existence, the computer system allowed each student in school to have access to a computer terminal (maximum eight students per terminal) with terminals located in all the labs, and all the 20 academic buildings. He displayed pictures of the luxurious dorm suites, large brand new fleet of aircraft which includes six of the new four-place Foxjets used for advanced training, and the well appointed student center. Hunt commented that the complete physical plant would be sold at an auction to recoup the losses, while the aircraft fleet would be transferred to Prescott.



Police officer impersonating a Riddle instructor. (Photo by Henry.)



Riddle student loves soccer, has face transplant. (Photo by Henry).

continued from front page

- POLITICAL SCIENCE:** There is a red telephone on the desk beside you. Start World War III. Report at length on its socio-political effects, if any.
- EPISTEMOLOGY:** Take a position for or against truth. Prove the validity of your position.
- PHYSICS:** Explain the nature of matter. Include in your answer an evaluation of the impact of the development of mathematics on science.
- PHILOSOPHY:** Sketch the development of human thought; estimate its significance. Compare with the development of any other kind of thought.
- GENERAL KNOWLEDGE:** Describe in detail. Be objective and specific.
- AVIATION:** Design and build a fighter capable of flying at Mach 4, carrying a payload 2 tons, and having a range of 5,000 miles. Test fly it, and resolve all handling and environmental problems. The final exam will be a dogfight with a MIG-25 over Moscow. Remember, you must get to Moscow undetected, and return within the test time limit.

New Courses Being Offered At Embry-Riddle



BEGINNING SUMMER "A" TERM - 1978

'Get A Head, The E-RAU Way'

FIRST CLASS INSTRUCTION IN MODERN UP-TO-DATE EQUIPMENT



E-RAU INSTRUCTOR PREPARING FOR A STUDENT BRIEFING

FOR MORE INFO, CONTACT DICKIE AT EXT. 398

Buy one flopper & get another 3 free.

ONLY when you Have it OUR way

HURRY! while the juicy things last!!

ALL BRANDS DISCOUNT



Ask Local Representative About Package Deal. Must Sell In A Hurry. Call 255-8474 For Information.



Also Includes



Perform Aerobatic Stunts Never Before Performed On The Ground

10% DISCOUNT - TO RIDDLE STUDENTS WITH RIDDLE I.D.'S

Letters to the editor

EDITOR "The AVION"

I wish to thank you and your staff for the interest and article recently published in your school news THE AVION.

There are a few corrections I wish to tender pertaining to the article. However I hasten to add Mr. Daniel Karger of your staff did a fine job considering the unconventional design of the plane and the information I bombarded him with.

On the front page the engine reference was a toss up for me between a "0-200 Continental" and a "C-85", not 200 Hp or 85 Hp. The 0-200 Cont. is a 100 Hp. engine and the C-85 is an 85-Hp. The misprint is easily understood.

Further in the article mention is made pertaining to the materials used. The flying surfaces (Conard, elevators, wings, aqulata) are styrofoam core with fiber glass covering. The

fuselage, fuel tanks, are of polyurethane and glass covered. The styrofoam will dissolve when in direct contact with gasoline and polyester resins, thus the reason for using epoxy resin. Another being, the polyester resin becomes brittle and less flexible when cured.

The only steel used is the engine mounts, rudder pedals, and of course the engine. All other metal parts are of aluminum.

These corrections I realize are minute but I believe your readers and Mr. Karger would wish it this way.

Again many thanks for this opportunity to bring to your aviation oriented community the attention of a plane whose structure, I believe, to be that of the future.

I also want to thank Mr. Rutherford for his time in photographing the ship.

Sincerely,
Bill Cook
130 N. Highland Ave.
Daytona Beach, Fla.
Bari-Eze builder

CAP Keepin' Busy

LAST YEAR, THE CAP SAVED 53 LIVES. NOT ALOT, EXCEPT TO 53 FAMILIES!

It doesn't take much to join the Civil Air Patrol, just a few bucks and a little bit of your spare time. But, it takes some guts to stay in, because the CAP is not some kind of flying version of the Boy Scouts. The CAP flies Search and Rescue missions. We aid disaster victims. We evacuate people trapped by floods. We airlift blood plasma to people who can't get it any other way.

Even if you're not a pilot don't despair. You'll still get a chance to risk your life once in a while. And maybe save somebody else's!

Is it worth your time? If you don't think so, ask a member of the CAP. Or, better yet, ask one of the 53 families!

If you are interested in joining the CAP, contact your local CAP Squadron. Their number is listed in the telephone book along with the address. Come on out and see what it's like to do something important.

In the Daytona area, contact the Daytona Beach Composite Squadron at 252-9158, or come out and see us. We are located on Bellevue Avenue by the Nova Flight Center.
W.O. Liz Vola

First Flight Of Cessna's 303

WICHITA, KANSAS - Cessna Aircraft Company's new, light twin-engine Model 303 made its first flight Feb. 14, the exact date set for the flight by Cessna engineers back in July of 1976.

The 303 was piloted on its initial flight by Bruce Barrett, supervisor of Cessna's Pawnee Division engineering flight test department.

Barrett said the 54-minute flight included 15 phases to define the basic handling capabilities and flight characteristics of the new design. The 303 was flown to an altitude of 5,000 feet, where all the normal flight functions were checked. "The airplane performed very well," Barrett said, "and no unusual characteristics were noted during the flight."

Cessna's new twin, to be introduced next year as a 1980 model, is a four-place, 200 mph aircraft with a 1,000 miles range. The 303 features a spacious cabin, with passenger entry through an air-stair door in the right side of the

aircraft. Cessna engineers selected a version of a NASA-developed, supercritical wing, and made extensive use of bonded structures in the 303.

Introduced at Cessna's international EXPO '78 dealer meeting last November, the Model 303 is powered by two 160 hp Lycoming engines and has a gross weight of 3,600 pounds. It will be certificated to the latest FAR 23 regulations.

The Model 303 is Cessna's first all-new light twin-engine design since the Skymaster was introduced in 1963. It is designed to serve both as a multi-engine trainer and a fast and efficient aircraft for business travel.

Cessna has produced more than 114,000 single-engine and 11,000 twin-engine aircraft, including 425 Citation business jets. For eight consecutive years the company has built more general aviation aircraft than all other manufacturers combined. There are 36 models in Cessna's 1978 product line.

EXPLOSIVE CALCULATORS

By Rick Butler
A portable electronic calculator carried in your pocket can explode and cause physical injury if it is not properly shielded. The journal of Environmental Health has reported an accident caused by a metal object in a man's shirt-pocket touching the calculator's battery charge contacts. This action caused an explosion which knocked the man down. This

shorting out of the nickel-cadmium battery is called "thermal runaway," and is what caused the battery to blow up. Even the lead of a pencil can set up this reaction in your calculator. This type of accident can be averted by carrying the calculators in the case provided by the manufacturer.



FLYING & THE MOUNTAIN WAVE

By Ken Madden

The Mountain Wave (or Standing Wave) occurs when winds blow approximately perpendicular to a mountain range creating a turbulent condition downwind of the range. This condition occurs where relatively stable air is displaced orographically and has been known to cause turbulence extreme enough to result in structural damage (or even failure) to aircraft. For example, in the mid-'60's, a BOAC (now British Airways) B-707 lost two-thirds of its right wing and its right horizontal stabilizer when it encountered turbulence over Mt. Fuji in Japan. Of course, none of the 124 PAX and crew lived to tell about it.

Three conditions are necessary for mountain wave formation:

1) A stable layer of air several thousand feet above the mountain tops;

2) A wind blowing approximately perpendicular to the range with a speed of over 25 kts. At mountaintop level, however 50 kt. is more common; and

3) A wind profile whereby the wind velocity increases with increasing altitude and a strong steady wind flow exists at higher levels often extending to the tropopause.

Basically, the air is squeezed between the mountain tops and the very stable layer of air above them and tries to descend to its original level on the lee side of the range. The air moves very rapidly (Venturi Effect) and penetrates below its original altitude due to sheer momentum and begins to rise again seeking equilibrium forming a wave-like pattern. These oscillations dampen with distance. Turbulence from mountain waves may extend up to

40,000 feet and 300 miles downwind.

Wave Length: The wavelength is the distance between successive crests (lenticulars may form on each crest) and may vary from two miles to 20 miles apart. Wavelength is governed by:

- 1) Wind component perpendicular to the ridge;
- 2) Upstream vertical temperature gradient; and
- 3) The configuration of the ridge itself.

The shorter the wavelength, the steeper (and possibly the more severe) the updrafts and downdrafts.

Amplitude: The amplitude of the wave is half the altitude difference between the wave trough and crest. The amplitude varies with height above the ground; getting less with increasing altitude above the ridge crest. The greatest amplitude is usually 3,000 to 6,000 feet above the ridge crest. Greater winds will also contribute to a larger amplitude and the vertical displacement that would be experienced with an encounter in an aircraft.

The mountain wave is easily recognized when its characteristic clouds are present. Clouds may not be present under very dry atmospheric conditions, however, the turbulence will be just as severe. If it's any comfort, mountain waves are accompanied by characteristic cloud formations approximately 90% of the time.

Lenticular clouds (also-called mountain standing lenticular -ACSL).

Lenticulars are are convex shaped (lens) clouds that form in bands parallel to the ridge and coincide with the crests of the waves downwind from the range. There may be as many as ten bands of lenticulars and may be piled on to one another at altitudes from 20,000 to 40,000 feet. At higher altitudes, they are exclusively composed of ice-crystals and are technically cirro-cumulus standing lenticulars (CCSL). These clouds indicate stable, but rapidly moving air.

These clouds may be also associated with the jet stream and the presence of upper level troughs and/or jet streams may enhance wave development.

When these clouds appear smooth, it indicates the air is stable and little turbulence should be expected; notwithstanding the turbulence due to the wave itself. If the cloud appears to have rough edges, it indicates the air is becoming unstable and moderate to extreme turbulence may be expected.

Lenticulars are reported in the "remarks" section of the NWS Hourly Sequence Reports under the abbreviation: ACSL. Rotor Clouds: Form in the first wave crest and resemble a line of cumulus or fracto-cumulus clouds paralleling the mountain range on the lee side. Rotor clouds may be formed immediately to the lee side of the range or as much as 10 miles downwind. Rotor bases are somewhat below the mountain crests and their tops may

extend well above those crests (sometimes they may be twice as high as the highest peak). Rotor clouds will usually be found with lenticulars directly above them and sometimes may merge with them. The

rotor is a highly turbulent cloud with drafts exceeding 5,000 feet/minute. It is a stationary cloud and is constantly forming on the windward side and dissipating on the leeward. AVOID THE ROTOR CLOUD AREA!

Cap Clouds (Föhn Wall): These clouds usually obscure the entire mountain peak, forming upclose on the windward side and flow partially down the leeward (somewhat like a waterfall). Downdrafts of up to 5,000 feet/minute may be present on the leeward side within the cap cloud. The extent to which the cloud hangs down the leeward side is an indication of the wind speed and is directly related to the expected turbulence severity. As the cloud moves down the slope, it is heated adiabatically and evaporates. If the air is moving slowly, cloud dissipation will be very rapid. Conversely, if the air movement is rapid, the cap cloud will hang down further on the lee side.

The cap cloud resembles a stationary bank of cirrus with most of the cloud on the windward side of the range. Its base is near or below the mountain peaks with a smooth top only a few thousand feet above the ridge.

The mountain wave phenomenon may occur in any area where there are mountains or a range of hills. Areas include, but are NOT limited to: U.S. 1) Rockies, 2) Sierras, 3) Appalachians; World 4) Alps (Europe), 5) Himalayas (Asia), and 6) Andes (South America).

Ranges of hills with elevations less than 4,000 feet may produce a mountain wave if conditions are right.

Mountain wave flight procedures. Turbulence reports range from none to extreme (however, most pilots encounter moderate to severe turbulence). Therefore, detour around known or forecast

mountain wave activity. If a detour is not possible, maintain a flight level at least 500' higher than the mountain range. Jet stream winds can superimpose upon mountain waves creating turbulence at all levels, from the surface up through the tropopause. Altimeter errors of up to 2,500 feet should be anticipated in turbulence due to mountain wave activity.

Fly the aircraft at the manufacturer's recommended turbulence level air penetration speed and avoid the MOST turbulent area near the rotor clouds mainly below 20,000 feet.

Avoid the strong downdraft area on the lee side of the mountain range.

Degree of Turbulence Experienced in Mountain Wave Conditions:

Light turbulence (5-20 ft/second - derived gust velocity; less than 0.2G - incremental vertical acceleration). Light turbulence may be expected in hilly and mountainous areas even with light winds.

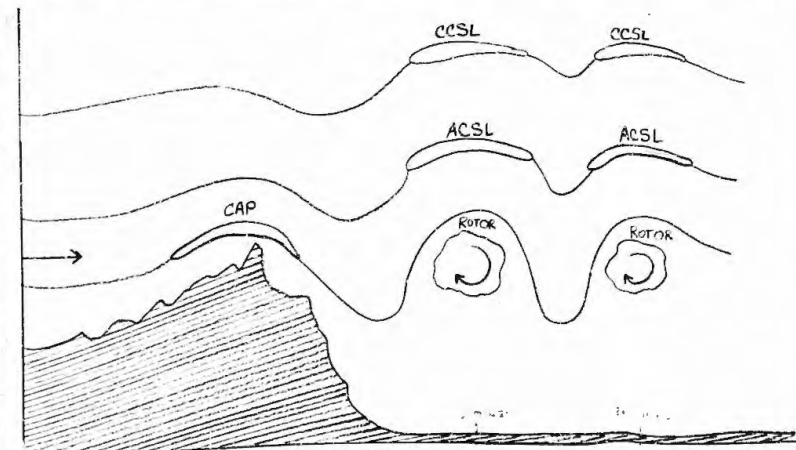
Moderate turbulence (20-35 ft/second - DGV - D to 0.3 G to 0.6 G IVA). Moderate turbulence may be expected in mountainous areas with a wind component of 25 to 50 Kt. Perpendicular to and near the level of the ridge:

- a) At all altitudes from the surface to 5,000 feet above the tropopause with preference for altitudes: 1) Within 5,000 feet of the ridge level;
- 2) At the base of relatively stable layers below the base of the tropopause; and
- 3) Within the tropopause layer.

Extending outward on the lee side of the range for 150 to 300 miles. Severe turbulence (35-50 ft/second - DBV - 0.3 to 0.6 G IVA). Severe turbulence may be expected in mountainous areas with a wind component exceeding 50 kt. perpendicular to and near the level of the ridge:

- a) In 5,000 foot layers: 1) At or below the ridge level in rotor clouds or rotor action;
- 2) At the tropopause; and
- 3) Sometimes at the base of other stable layers below the tropopause.

Extending outward on the lee side of the range for 50 to 150 miles. Extreme turbulence (over 50 ft/second - DGV; over 0.6 G IVA). Extreme turbulence may be expected in mountain wave conditions, in and below the level of well-developed rotor clouds. Sometimes it extends to the ground.



FRATERNITY CORNER

Gamma Chi Alpha

AXA

"Rocky"

This week Lambda Chi Alpha would like to congratulate the eight members of its associate class who Friday were made full fledge brothers. The new brothers for 1978 are as follows: March Dalaire, Rich Garber, Pat Hassett, Matt Jones, Steve Skine, John Mathews, Larry Newell, and John Watkins.

Also this weekend Lambda Chi celebrated Founders Day. We were very happy to see and welcome back all those brothers and alumni we hadn't seen for a while. The celebration which was held Saturday consisted of a great beach party in the sun and later in the evening a formal dinner which had all the winning, dining, and dancing the

brothers could handle. Which all made for a very nice week-end.

Some upcoming events this month will be office elections and Greek Week. We hope to see ya there.

Don't forget if you're thinking Fraternity, any one of the brothers of Lambda Chi will be glad to take the time and answer any questions you may have. Let us know at E-RAU Box 5882 and we'll be glad to set up a meeting.

That's all for now! See ya, P.S.: Attention John O'Neale, only another 22 days to go, if you make it.

Rocky

EX

By Bob McGill

Being that there was no Sigma Chi Article last week there is some catching up to do over the last two weeks activities. Going back to the weekend before last on Friday night, the 17th, we had a party with Delta Chi. This party proved that we can get together with our Greek neighbors and really have a good time. Hopefully in the future we will join forces once again. At least we will see them all for Greek Week events. The following night on Saturday our social calendar took a turn, from strange to totally gone. We had a "White Boxer" party. The only requirements for the party was to dress in a white shirt (with five holes in it) and white boxer shorts. Also you were required to bring with you an inner tube and magic marker. With this as a start, imagination soon took over. It's always good to let yourself go once in a while for a party but to turn chicken and cluck and flap is a bit too far. There was also much freedom of expression as the markers and white garments got together. The gin found its way into a punch which helped things move right along. Overall it was a wild and crazy time. The only bad note to this weekend was our softball

score. We lost to Arnold Air by a 2 point margin bringing our record to 3-1.

Over this last week it seems difficult to keep track of who is who around our house. We get to play host to Sigs from all over the country while on

their Spring break. Sigma Chi's always manage to create parties spontaneously especially when they are on Spring Break. The only problem with the whole situation is that we are not. At least some of us anyway - right, Pete. On Saturday night the pledges gave a party for the brothers otherwise known as the Captain America Party. Some of the visiting brothers on hand found it hard to believe that such a party existed. There is not much one can say in print about such esoteric goings on but males everywhere would have enjoyed it equally as much as we did. The pledges did a good job putting together the party and should be commended on their efforts.

Now that the trimester's end is approaching it is time to turn our thoughts to the world of studying and books despite the warm weather and party atmosphere. Good luck!

AHP

by Ken Morse, Historian

This trimester's pledge class, in fulfilling its requirements for a fraternity and community project, is sponsoring a lecture by air traffic controllers from the JAX center. The lecture will be this Tuesday (March 25) night at 8 p.m. in the U.C. and is open to anyone who wants to learn more about the ATC system, controllers or has any questions about flying in the ATC system.

The fraternity would like to thank Mr. Frank Wencel for

his excellent presentation at last week's business meeting. Mr. Wencel, weather professor here at E-RAU, brought in several slides taken on the Gemini missions of various weather phenomenon. These photographs, couled with lecture were very interesting and educational for all those who attended.

A reminder to all pledges and members that pledge interviews will be this Thursday night.

VA Bennies

As of the Fall Catalog for 1978, the students entering Embry-Riddle under Veterans' Administration Entitlements in the Programs of Aeronautical Science or Associate in Science in Flight Technology will not have the option of VA paying 90% of Flight Costs.

Embry-Riddle has chosen to offer the Associate Degree in Flight, and the Aeronautical Science Degree includes Flight, but the VA students will only be paid the Academic Rate, and must take the included subjects, (12 or 15 credits) to receive the monthly rate. This will now be the same for ALL degrees at Embry-Riddle.

Veterans or Dependent Children (Chapter 35) can enter these programs, but must have some other source, loans, grants, etc., to pay for the flight costs. Flight alone cannot be paid for by the VA, in the above programs, at this University with the new Catalog.

As an incoming student needs 50% down on the course he wishes to take, and makes payments to cover the rest

before the payment deadline, it is suggested the Catalog and Financial Aid are consulted to be sure Tuition is covered for the first Trimester.

We are unable to enroll an Eligible VA person prior to the University Roster. This means a student is registered and we have an intent to enroll on file first, with all paperwork in order in the Veteran Affairs Office. First time recipients can expect a maximum of 60 day delay before the first VA check arrives, transfer students from another state can expect 90 days delay. Payments from the VA are normally retroactive to the first day of registration. After the initial downpayment, the Bursar will work with Deferred Payments with those students expecting VA entitlements, on an individual basis, only.

Hopefully, this will clarify many questions.

Sincerely,
Eunice I. Richardson
Co-ordinator, Vets' Affairs,
E-RAU

CAMPUS CLUBS



"SKI"

Welcome back to everyone that traveled for the Easter Weekend, we hope everyone had a safe return trip. The Vets Club was idle over this weekend with the exception of its annual Easter Camp Out at its favorite camp grounds (Big Daddy's). Sunday saw a busy day at the beach for most.

Congratulations to the Middle Students and Faculty members who participated in the Beach Run Easter Sunday. The Vets would have had an entry, however there was a mixup in starting times, 4:00 a.m. or p.m.?? The next Vets Club meeting is Friday March 31st at 7:00 p.m. in the Dorm Annex. A vote on the Associate Membership Amendment change will take place along

with discussions of the plans for Saturdays Event, April 1st, Lemans (Casselberry) Driving/Poker Rally to DAB) concluded with a Beach Party at Ponce Inlet.

The Blue Wrecking Crew takes on AAAA this Sunday at 3:00 p.m. in Softball. So make it a point to come out and cheer for our brothers of AAAA and root our Blue Wrecking Crew on to Victory.

In a closing note for those of you that didn't read the Sunday Paper, in the obituary (Bridal Column) it was announced and legalized that our illustrious Carl Duncan bit the dust and became engaged. Good Luck Sharon and Doughnut!!

MGT. CLUB

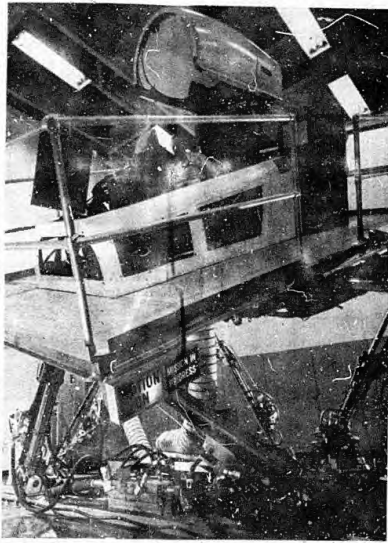
By Linda Mayberry

Well, I hope everyone had a nice three-day weekend cause I sure did. With the tri coming to an end, it's hard to keep up with the studies. Hang in there, though, cause finals are in sight.

Our last management club meeting will be on April 7th (Friday) at the President's House. It's going to be a great meeting, so plan on being there. Further details will be furnished via your mailbox. Remember, elections for club officers are coming up! See ya at the meeting!



WHERE DO YOU PUT IN THE QUARTER?



GROUND-BOUND AIR ACADEMY - Without ever getting off the ground, future F-15A Eagle pilots learn the Air Force Fighter's flight characteristics. Built in Akron, Ohio, by Goodyear Aerospace Corporation, this flight simulator duplicates almost all maneuvers of the McDonnell-Eagles plane, providing a controlled classroom experience and conserving fuel.



SCIENTIFIC & ENGINEERING Students



I'd like to talk to you about an Air Force career.

I'm Sergeant Ray Gutzler, your Air Force Representative at the University of Southern Florida.

The Air Force has a challenging and rewarding career waiting for you if you qualify.

WRITE OR CALL:
1028 - D. E. Memorial Blvd.
Lakeland Mall
Lakeland, Florida 32801

CALL COLLECT:
813-682-8857

AIR FORCE
A Great Way of Life

Prevent transmission trouble \$1145

- ROAD TEST
- REMOVE PAN
- VISUAL INSPECTION
- CLEAN SUMP & SCREEN
- ADJUST BANDS & LINKAGE
- REPLACE PAN GASKET & FLUID

820 MASON AVE. **Coffman** PHONE 258-7913
TRANSMISSION

10% DISCOUNT to E-R-A-U Personnel on ALL internal transmission repairs.

LOCALLY OWNED & OPERATED BY DAN GALLAGHER

Daytona Beach Aviation

OFFERS:

RENTALS**

CARDINAL *CESSNA 152 + MOONEY RANGER CESSNA 172

CHARTER

Multi and Single Engine charters to anywhere available 24 hours at competitive prices.

SALES and SERVICE

For CESSNA and MOONEY

**If you are checked out by an Embry-Riddle instructor and are current, no check out is required by Daytona Beach Aviation for CESSNA 172.

At the base of the tower
CALL
255-0471

RIDDLE SPORTS



TENNIS RESULTS

On March 13 E-RAU's Tennis team beat Bethune-Cookman's team 5-2 during their day of play.

In Singles matchups, E-R's Mike Isaacs defeated Eligh Peterson 6-2, 6-1.

Bill Davies took one game to warm up as he upset Quentin Jones of BCC with the final scores: 4-6, 6-1 and 6-0. Paul Motoya defeated Stanley Jenkins in a definite win 6-2, 6-2.

But BCC's Billy Hamilton defeated E-R's Butch Cross 6-1, 6-3.

Stepping out in style, John Waples of E-R beat Jeffrey Fagan 6-3, 6-2.

And Bob Stevenson lost to BCC's Jeffrey Ray 6-2, 6-2.

In Doubles activities E-R's Isaacs and Waples lost to Peterson and Jones of BCC 3-6, 1-6, default.

Montoya and Davies however whipped Jenkins and Hamilton 6-1, 6-1.

BCC's Fagan and Ray upset E-R's Stevenson and Cross in

doubles play: 5-7, 6-3 and default.

Embry-Riddle did not do as well at Stetson on March 16 as we lost all six singles played.

Statistics on these games run as follows:

Stetson's Chuck Hall defeated Mike Isaacs 6-3, 7-5.

Jim Vittetow, E-R, lost to Casey Dagenhardt 6-2, 6-3.

Bill Davies was crushed by Mickey Nolan 6-0, 6-3.

Bill Ward, Stetson had a tighter win against Paul Montoya with 6-4, 2-6 and 6-4.

Jim Butterfield of Stetson whopped Butch Cross 6-0, 6-0.

And John Tucker crushed John Waples of Embry-Riddle 6-1, 6-0.

We did come back for a better day against Bellarmine, located in Louisville, Ky., in play here March 20.

Mike Isaacs defeated Terry Brown 6-2, 7-5.

E-R's Jim Vittetow came back after a slow start to beat Mark Willoughby 1-6, 6-3, 6-3.

But Keith Wilson of Bellarmine defeated Bill Davies 6-4, 6-4.

E-R's Tom Montoya defeated his opponent Chuck Gipperich 6-4, 6-1.

Bellarmine's Mark Habheb came back and defeated Butch Cross from Embry-Riddle 6-1, 6-3.

And E-R's Steve Shattuck lost to Kent Reddington 6-2, 6-3.

In Doubles competition, E-RAU did not win either match. Brown and Wilson defeated Isaacs and Vittetow 6-3, 6-1. And Habheb and Gipperich defeated Cross and Waples 8-5.

GUTTER TA

By Trish Westover

Easter vacation began early for most Riddle bowlers with Thursday evening lacking in both spirit and attendance. Five forfeit games didn't help any standings. The averages of other absentees helped some but hurt several, and the minds of those who showed up were elsewhere. The scores were evidence of this.

Dick O'Brien was the jack of the evening. His 211/554 put him and his team on top. The following were 190 men: John Keck 199/502, Bruce Morrin 196/517, David Muchall 194/509, Mark Coccia 191/511, and John Richard 193. Remember folks the vacation is over.


As interest has been shown, the following standings will be

- printed:
- Rice Paddy Daddies
- Pins A Go-Go
- Brewmasters
- Win Place of Shady NDE's
- Scrubs
- One Last Time
- PinRocks 22
- Tropical Punch
- Betamax 22
- 301 Club 22
- Mechanical Marvels
- Who Gives A
- Mixed Magic
- White Pin Fave
- One More Time
- 172's 16
- Northeast Corridor
- Retraco 16
- Sizzle Pin Inc.
- Sigma Phi Delta 11
- Buzzards 12
- High Rollers 11



| TIME | Event | Location |
|------------|----------|--------------|
| 8:00 a.m. | Arnold | Embry-Riddle |
| 9:00 a.m. | Flight | Embry-Riddle |
| 10:00 a.m. | ROTC | Embry-Riddle |
| 11:00 a.m. | Outlets | Embry-Riddle |
| 12:00 p.m. | Blue Chi | Embry-Riddle |
| 1:00 p.m. | Miles | Embry-Riddle |
| 2:00 p.m. | Hans | Embry-Riddle |
| 3:00 p.m. | Signe | Embry-Riddle |
| 4:00 p.m. | SC's | Embry-Riddle |
| 6:00 p.m. | Whimsy | Embry-Riddle |

SORRENTO DELICATESSEN, INC.



Wholesale and Retail
To the Embury Shopping Center
1000 S.W. 15th Ave.
Daytona Beach, Florida 32119

PIZZA SPECIALS

12" Pizza - \$7.99
14" Pizza - \$9.99
16" Pizza - \$11.99
18" Pizza - \$13.99
20" Pizza - \$15.99

Homemade PIZZA

This coupon worth

50¢

off on a small

75¢

off on a med & large

Homemade PIZZA

OPEN 8 AM TO 10 PM
Phone 255-1817

Embry-Riddle Motel

1000 S.W. 15th Ave.
Daytona Beach, Florida 32119

February 22, 1978

An Invitation to Embry-Riddle

For the past several years, the Motel has offered to ERAU students attractive living accommodations for the Fall Trimester at reduced rates. In anticipation that these accommodations may be more scarce than ever in the Fall of 1978, we are hereby extending this invitation for continuing students to visit us early and make advance arrangements for the Fall Trimester.

We have a variety of single, double, and apartment units, all completely furnished, utilities included, cable TV, and maid service; all for very competitive rates. The units are unusually large, air conditioned, and fully equipped. Since last Fall, we have added a new solar-heated swimming pool for the use of our guests.

In addition, for the Fall 1978 Trimester, we are offering to those students who wish, free transportation to and from the ERAU campus on a scheduled daily basis. Time schedules will be established to serve the requirements of the class schedules.

If you are looking for a place to stay, eliminate the uncertainty of housing accommodations in Daytona Beach and make a firm reservation if you wish. We can accept reservations after April 10th, but will be happy to discuss your needs at any time. When you visit us, be sure to bring your ERAU student identification with you.

Wallace Gowerman
Director

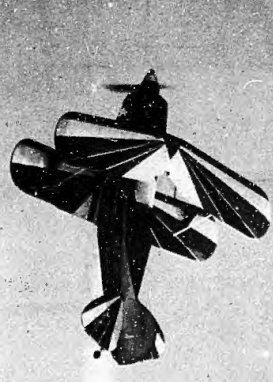
★ INSTRUCTORS ★

Take Your Flight Career Straight Up!

Become An FAA Approved Aerobatic Instructor!!

Limited Enrollment Classes
Starting April 22.

For Information Contact:



The
Mark Riden
Of Aerobatic

10 a.m. to
5 p.m.
Wednesdays

1225 Wildcat
Daytona Regional
Airport
32119
252-7200

Featuring THE
INCREDIBLE
PITTS S-7

CLIMB THE LETTERS TO SUCCESS.

An Air Force way to give more value to your college life and college diploma.

- Scholarships
- \$100 a month tax-free allowance
- Flying instruction
- An Air Force commission
- A responsible job in a challenging field, navigation ... missiles ... sciences ... engineering
- Graduate degree programs
- Good pay ... regular promotions ... many tangible benefits
- Travel

FOR MORE INFORMATION

CONTACT:

CAPTAIN MERLIN 253-4089

ON CAMPUS EXT 357

Put it all together in Air Force ROTC.

CLASSIFIED

FOR SALE - AUTO

'74 Camaro "G-64" - Brand new - Call Debbie 252-2037

FOR SALE: 14 months old - MG Midget - Perfect Condition, new inspection, 3,000 miles. Asking \$3,000.00 at Ext. 449 or 751-1456 after 5:00 p.m.

'73 MG Midget. 45,000. \$1,600 or best offer. Fri after 2 p.m. 761-8801.

1976 Buick Regal - 2 dr. hvt., V-6 loaded. Laddall top. Ph: 672-9239.

FOR SALE: 69 Satellite Fly, 2 dr. \$400. Good cheap transportation. If interested call at Box 5066 and let us know when you can meet me.

FOR SALE: 1971 Olds 442 W-30 Auto, Air, PS, FB, AM-FM, Less than 100 miles since overhaul, lots of extras. Excellent cond. Color: Snow White Box 5562.

FOR SALE: 1976 Honda CVCC Wagon 4 cylinder, four speed, AM/FM Radio, A/C, 15,000 miles, clean, great mileage, original owner. \$2,800.00 Call 252-8123 after 5:30 p.m. or see Sandra in W-323.

AUTO: 71 Camaro Rally Sport - rally wheels, radial tires, AM/FM radio, auto, 11,300. Box 1165 or 252-8489, ask for Dan.

FOR SALE: 2 1/4" Chrome reverse wheels with tires \$30. Harold Klein Box 6407.

FOR SALE: Manual 4-speed transmission with aluminum case. Needs repair. Includes Hurst competition plus shifter - make offer. 252-2821. Rick.

FOR SALE BIKES & SCOOTERS

FOR SALE: '72 Honda 750 luggage rack, padded sissy bar, Runs great. Beautiful condition. New long-reach and rear tire. Call 252-8437, #290. BH - Apt. 30 or E-RAU Box 3395.

FOR SALE: 1976 RD 200 Yamaha street bike - custom paint, leg guard, 1 down, 5 up. Padded backrest. Runs great. #22230. Contact Dennis Hunt Box 2542 or call 761-2851.

LUGGAGE rack for Honda 350/280 \$10.00. Call 252-2163 after 6 p.m. - Box 1183.

MUST SELL: Men's 3-speed bicycle. First \$10 takes it! Call KSI, 252-8474 or Box 1081.

FOR SALE: Motorcycle "Bates" saddle bags, like new, hardly used. \$60. Optional mounting kit for KZ 630. Box 1281 or call 252-0977.

'73 Honda 500 4 cyl. w/Patrons, crash bar, sissybar. New tires. 18,000 miles. very good cond. \$875.00. 252-8527. After 6:30 p.m.

FOR SALE: 1973 Yamaha 360 Enduro Excellent condition \$450. Call 761-8582 or contact Box 2066.

FOR SALE - AUDIO

FOR SALE: MRC Digital Proportional P/C System. Five channel digital proportional with four servos. Designed for model aircraft flying with a 72 MHz band - \$275.00. O.S. Max Golden Head HSP R/C engine - \$69.00. Both engine and R/C system are new and have never been used. Contact Bob Box No. 2654 or call 761-1260.

FOR SALE: JVC receiver model JR-S300 II 55 watts per channel. 1% THD. 1% TIM. Built in Power meters and equalizer. Altec AEW. A great buy at only \$300. New was \$410. First reasonable offer gets it. Box 1095 or Room 238 dormitory.

STEREO COMPONENTS: Sansul Receiver \$61. 27 watts classed - \$209.00. Realistic Tape Deck - \$75.00 or best offer. Call Pete 252-7868 anytime.

MRC 6 Channel RC unit 4 Servo's Brand New in 77. Best offer RM 305. Box 5845.

KENWOOD Integrated AMP 6000 A - 30 Watts or channel \$100 or best offer. Call # - 21280. Jim.

SONY Aircraft Radio. 109-136 MHz has squelch and preset tuning Call 252-2163 after 6:00 p.m. #20. Box 1183.

STEREO SALE: must sell now. \$210.00 Kenwood 7100 AMP, 80 watts (ch). \$140.00 Kenwood 620 cassette deck. \$120.00 JVC Tuner. \$100.00 SONY 601 speaker. \$100.00 Optonica case. All equip. less than one month old!!! 252-1342.

FOR SALE: Technics SA-5760 Receiver 2 months old - mint condition, 165 watts per channel, 89% total harmonic distortion \$350 was \$800 now. Steve Cravener Box 1175.

E-TRACK car go-kart - Brand new \$6. Gladys at Ext. 423.

FOR RENT - ROOMS

GOING TO SCHOOL THIS SUMMER? Roommate (male or female) needed to share beautiful house 1/2 mile from Riddle \$115 month, utilities included. Excellent deal considering sit and features of house. Write Box 5692 or 3215 and leave name and phone/box no.

WANTED: Female Roommate to share living expenses. Call after 5:00 252-1339. Connie.

NEEDED One Roommate for summer to stay at Derbyshire 52nd. 7th Apt. - color TV stereo - 2 great roommates (with two cars and a van), only 1/2 rent \$55 - 1/3 utilities. Please call Dave 252-5235 - Box 3163.

ROOMMATE WANTED: \$90.00/month - half utilities and phone. Contact Franz R. Manfredi at 252-5561 Ext. 401 or 252-6456 after 1900.

LOOKING for a place this summer? I need three roommates to occupy a great townhouse apt. \$85 rent plus 1/4 utilities. Apt. is furnished, close to school, and has rec. facilities. Call Stan immediately 252-3961.

FREE HOUSING available share with two other students. Kitchen, hq. rm. etc. Pvt. room in exchange for 2 nights work and one weekend day at Ormond Airport. Contact Mich or Robert at 677-4950 for appointment.

NEED ONE FEMALE to move in and share a two bed/bath fully furnished apt. located at Shagbinder Woods. Rent \$81.75 w/ utilities. Contact Annalee Winterbottom after 5:00 p.m. at 252-8417 or leave a message at the Flight Line - 252-2482.

NEED a roommate for 3 bedroom, 2 bath apartment \$119 month, nicely furnished one year lease. Contact Steve Box 5394.

ROOMMATE WANTED: For 3 bedroom apartment \$82 rent + 1/3 phone and utilities. Contact Bill or Call 252-1862.

FOR SALE - MISC

DBCC EXPRESSIONS LOOKING FOR A BASS PLAYER AND DRUMMER - Contact: Jo Northrup at 252-8131.

INSTRUMENT STUDENTS and instructor pilots! Order now your new form which makes copying ATC clearances easy, fast, and more organized. Send \$2.00 to: A-V Forms, P.O. Box 4501, South Daytona, FL 32031.

DIVORCE - \$50 for typing, forms and printed instructions as specified by the Fla. Supreme Court. MARILYN, 230 SW 195th, Ocala. Call anytime 732-8861.

HANGGLIDER

Ultralight Flying Machines of Florida. Motorized Hang Gliders, Easy Rise, COS reduction power packs, motor power packs in stock. Demonstrations, free flight instruction. 2603 South and St. Jacksonville Beach, Florida 32250 (904)246-2668.

MAKE YOURSELF more valuable to your employer and your student. Enroll in our federally approved aerobic instructor course.

CONTACT: THE MARK RIDEN SCHOOL OF AEROBATICS 1215 Wild Cat Street Daytona Beach, Florida Wed. thru Sun. from 10 a.m. - 3 p.m. Call 252-2565.

WANTED TO BUY: Boxes two piece Army Flight Suits. Contact Bill Box 4521. State Price, size, and serviceability.

CATS

Have two one year old cats with all their shots and dew. Willing to give them to good family. Contact F. Manfredi at 252-5561. Ext. 401 or 252-5456.

BLACK AND WHITE TV 21" Sears Silverstone Model good condition. \$20 761-4647 after 6:00 p.m.

PUPPIES, FREE - Mother is W Black Labrador and is Springer Spaniel. Father is full blooded German Shepherd. Call Drew 751-4260.

RISE wanted to Syracuse, NY or surrounding area at the end of this mt. Will share driving and expenses. Contact Bob Herold Box 5458, 252-5561 Ext. 440.

KITCHEN TABLE with leaf and 4 chairs. Asking \$100. Call Nick at 761-6815.

MOJAS FOR SALE: Mojás are colorful and valuable textiles made by the Doms Indians from the San Blas Islands in Panama, Central America. If you are interested in buying or helping sell Mojás, please contact F. Manfredi at 252-5561, ext. 401 during school hours or 252-5456 after hours or contact me personally at the flight line. My instructor no. is 324.

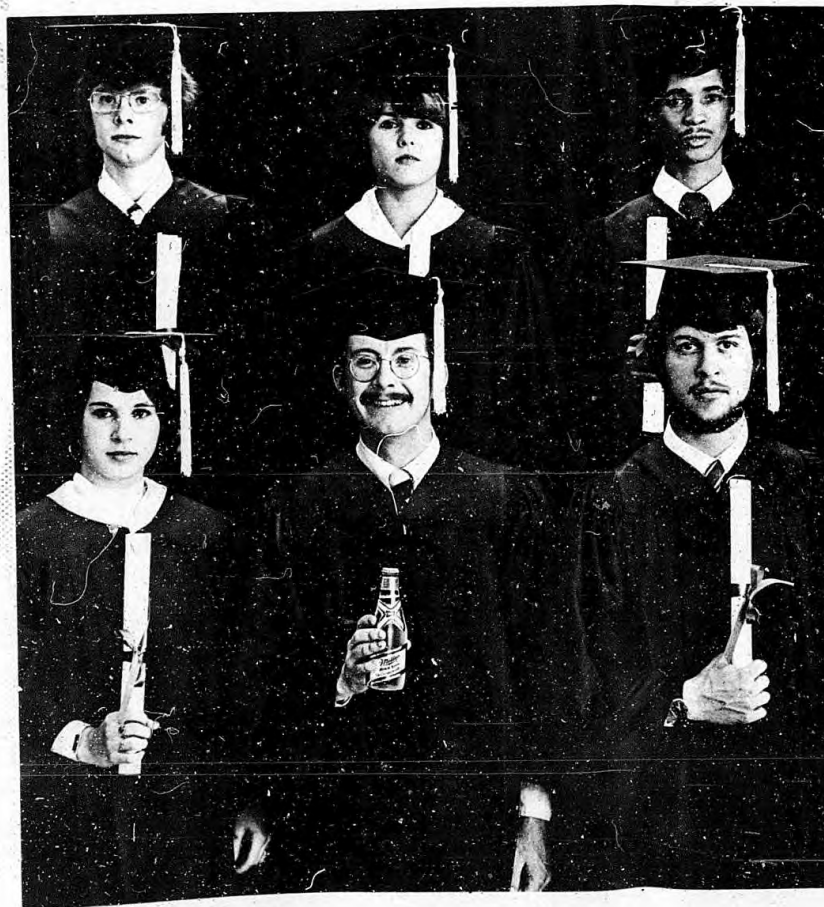
LOST & FOUND

LOST: Would whoever found the Chemistry and Management text books in the H Building - 122 please return them to call in care of the AVION - No questions asked: They are needed desperately for final!

REWARD FOR the return of a green and yellow wadigan track jacket. No questions asked. Contact Freddie - Durm Room 205 or Box 3278.

PERSONAL

ALL MALES: Female wishes to meet men who are good in bed however official doctor's attention must be provided. Leave personal for "The Median".



Now Comes Miller Time

Distributed By
S.R. PERROTT Inc.
30 White Street
Ormond Beach, FL
Phone 672-2275





STEREO CENTER

ON DISPLAY --

- SONY
- NAKAMICHI
- TOSHIBA
- ADVENT
- MITSUBISHI

- MC INTOSH
- JVC
- BANG & OLUFSEN
- MAXELL
- SHURE
- AUDIO PULSE

WE TAKE TRADE INS! WE WILL GIVE YOU TOP DOLLAR FOR YOUR STEREO WHEN YOU BUY FROM HART'S. WE ALSO HAVE SOME "SPECIALS" AT LOW PRICES. A GOOD SELECTION OF USED STEREO IS ON DISPLAY.

PROTECT YOUR RECORDS WITH A DISHWASHER CARE KIT ONLY \$15.00



"SYSTEM ONE"




SONY STR-1800 AM/FM STEREO RECEIVER
A handsome, high quality stereo receiver, the STR-1800 offers: 12 watts RMS per channel with less than 1% harmonic distortion at 8 ohms from 20 Hz to 20 kHz; a fine FM tuner that really brings in the stations; plus all the controls and features you would expect to find only in a more expensive receiver.

MAGNASON 208 LOUDSPEAKERS
A 2-way acoustic suspension speaker system with a 8-inch woofer, this low-cost system produces a smooth and clear quality sound when driven by a good medium output receiver, such as our recommended SONY STR-1800.

SONY PS-1100 SEMI-AUTOMATIC TURNTABLE
A beautiful, quality turntable complete with magnetic cartridge. A depreciable turntable that protects those valuable records.


THE COMPLETE \$395.00 STEREO SYSTEM



801 MASON AVE.
DAYTONA BEACH, FLA.
Phone 255-1486

SPECIAL OFFER
COUPON
SONY C-60 CASSETTE TAPE
\$5 EACH
NO QUANTITY LIMIT
COUPON MUST BE PRESENTED!

Tuesday thru Friday
9:30-6:30



Saturday 9-5


"Where Your Business Is Appreciated"

DAYTONA'S LARGEST AND MOST COMPLETE CYCLE CENTER

| | | |
|--|--|--|
| <p>\$295 Honda Express 100 mpg \$295</p> | <p>10% discount on all parts and accessories with student ID</p> | <p>\$25 discount coupon on purchase of any bike new or used in stock</p> |
|--|--|--|

We Service: HONDA * KAWASAKI * YAMAHA * SUZUKI

H
O
N
D
A



O
F
D
A
Y
T
O
N
A

2385 South Ridgewood Ave. South Daytona, Florida
(904) 761-2411

JACK IN THE BOX RESTAURANTS

ORANGE JUICE, A HOT APPLE TURNOVER AND OUR Breakfast Jack SANDWICH FOR ONLY 89¢

Deliciously different! Our Breakfast Jack sandwich, a fresh egg, a slice of ham topped with cheese, sandwiched into a toasted bun, add a piping hot turnover with tasty spiced apple filling and a cup of 100% pure orange juice.

Coupon not valid in combination with any other offer. One coupon per customer. Valid at your neighborhood JACK IN THE BOX Restaurant. COUPON EXPIRES 6/30/78

MORNING, NOON & NIGHTTIME TOO!

Open 24 hrs.

ONION RINGS, MEDIUM SOFT DRINK AND OUR Super Taco FOR ONLY 99¢

Our Super Taco, authentic stone-ground tortilla with spicy taco filling, cheese, lettuce and our own taco sauce. A serving of breaded deep fried rings of real onions and a refreshing medium size soft drink.

Coupon not valid in combination with any other offer. One coupon per customer. Valid at your neighborhood JACK IN THE BOX Restaurant. COUPON EXPIRES 6/30/78

MORNING, NOON & NIGHTTIME TOO!

Open 24 hrs.

JUMBO JACK HAMBURGER, MEDIUM SOFT DRINK AND A REGULAR ORDER OF FRENCH FRIES Jumbo Jack Trio FOR ONLY 1.09

Our Jumbo beef patty on a large sesame bun with fresh sliced tomatoes, pickles, shredded lettuce, rings of fresh onion and a special sauce. With a regular order of French fries and a medium size soft drink.

Coupon not valid in combination with any other offer. One coupon per customer. Valid at your neighborhood JACK IN THE BOX Restaurant. COUPON EXPIRES 6/30/78

MORNING, NOON & NIGHTTIME TOO!

Open 24 hrs.

928 VOLUSIA

NOVA FLITE CENTER

COMING SOON!

THE 1978 TOMAHAWK

WE HAVE CHARTS FOR THE ENTIRE U.S.



15% OFF ALL CHARTS WITH E-RAU I.D.

CHECK OUT SPECIAL

Cessna 150 - 1 hour
&
Cherokee Warrior - 1/2 hour
ALL FOR \$30

OUR RENTAL LINE...

- 1 - 1977 Piper Warrior
- 2 - 1977 Piper Warriors - IFR
- 1 - 1978 Piper Warrior II
- 1 - 1976 Piper Arrow II w/Air Condition - IFR
- 1 - 1977 Piper Turbo Arrow III - IFR
- 1 - 1977 Piper Lance - IFR

255-6459

DAYTONA REGIONAL AIRPORT