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Avion

Newspapers

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10-3-1979

## Avion 1979-10-03

Embry-Riddle Aeronautical University

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# the avion

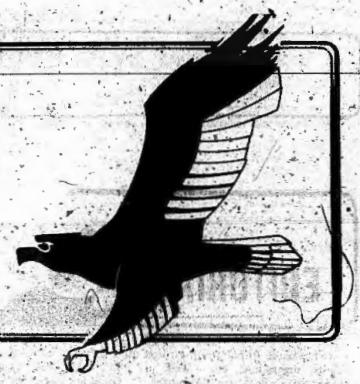
The award winning newspaper of college aviation

Embry-Riddle Aeronautical University

Volume 32

Wednesday / 3 October 1978

Issue 4



## Riddle Granted \$525,000 From F.A.A.

By Mark Sidovsky  
Avion Staff Reporter

The Federal Aviation Administration, in an effort to investigate the growing number of weather-related general aviation accidents, has granted Embry-Riddle Aeronautical University a \$525,491 contract to initiate the project.

The program stems from a comprehensive investigation of "human factor problems" by the FAA's National Aviation Facilities Experimental Center (NAFEC) in Atlantic City, N.J. The project will be divided into two parts: a detailed literature search dealing with general aviation safety and a critical evaluation of the FAA's current requirement of 200 hours total flight time before becoming eligible for the instrument rating.

The literature search is being carried out by Seville Research Corp. of Pensacola under subcontract from E-RAU. They are attempting to identify leading human factor problems in general aviation.

Embry-Riddle has already begun to look into the 200-hour requirement for the instrument rating. The national average for the private certificate is 65 hours, leaving a considerable time gap between receiving the private and becoming eligible for the instru-



The simulators will play an integral part in the training of the students.

ment rating. The new private pilot, in an effort to build time necessary for the instrument ticket, often encounters weather beyond his experience level. These "weather situations" not only include commonly associated weather problems like thunderstorms and icing, but also marginal VFR conditions resulting from haze, smog and other visibility-limiting phenomena. Between 18 and 20 percent of general aviation accidents are weather related. A National Transportation Safety Board study re-

vealed that over half of these accidents involved pilots who had accumulated between 85 and 135 hours of flight time. This is why the 200 hour minimum has come under investigation. Is it really a reasonable minimum experience level or just an arbitrary number?

This is the question Embry-Riddle will attempt to answer in the coming months. The university plans on involving approximately 100 flight students in the project. The students will all have private licenses

and will be divided into three groups. They will also have completed the 16 hours of night training prior to starting the program. The first group will begin at approximately 70 hours, the second at 100 hours, and the third at 130 hours of flight time. Each group will then be individually evaluated in instrument procedures and performance in the instrument flying system. This evaluation will take place at the end of approximately 40 hours of instrument training. At the completion of all training periods, which is expected within 18 months, an assessment will be made concerning the entire project. The literature search by Seville Research Corp. should be complete within 4 months.

This is not the first time a project of this nature has been undertaken. In 1968 Ohio State University constructed a curriculum in which participants could obtain their private licenses and training towards an instrument rating. At the end of the experiment, Ohio State officials concluded that they had trained "superior private pilots; but not those who could cope with the workload on an instrument mission." Embry-Riddle's program will differ from Ohio State's on two significant points. E-RAU's study will be much more comprehensive and intensive than at O.S.U. Secondly, E-RAU will be the first civilian school to use an objective evaluation procedure.

The main question remaining in this study is what the reaction of the general flying

public will be to its findings. The FAA's Harvey said, "There is one thing I would like to stress: something like this needs the support of the community." One consideration is that Embry-Riddle provides a unique and controlled environment, not typical of the average FBO. In order for the FAA to

consider lowering the minimum requirements, it must be demonstrated that any FBO, not just a professional flight school like E-RAU, can produce a safe instrument pilot. This can only be achieved with a dedicated effort from the entire general aviation community.



The simulator training will be backed up by comprehensive use of the aircraft.

## New Parking Lot Planned For Bikes

Parking has been improved for motorcycles and bicycles. In an effort to increase services for motorcyclists and bike riders, E-RAU's Physical Plant and Security Dept. have expanded the parking facilities for our two wheeled commuters.

A new parking area in front of the U.C. is slated for motor-

cycles and bike racks. The new area is posted with signs and soon will have a concrete or asphalt slab.

According to Joe Craddock - Director of Security, "This new facility will improve both security of the vehicles and the appearance of the University, by having the bikes in one place."



New parking area for ERAU cyclists.

Already completed in the plan is the enlarging of the motorcycle lot in front of Maintenance Tech and the lot in front of Gill Robb Wilson Complex. This added capacity will help cut down traffic and congestion faced by the bike riders.

E-RAU now has five total bike lots. They are: Gill Robb

Wilson - Front and back; Academic Complex - Front; Maint. Tech - Front; University Center - east of 10 min. zones.

The needs of the students have been recognized through the Traffic and Parking Committee; the suggestion was forwarded from the Traffic Committee through Physical Plant and Security. The plan was then implemented.

A biker's convention? No, just part of the motorcycle population at ERAU.

### NOTICES STUDENTS, STAFF AND FACULTY

We strongly urge you to arrange for your flu shots NOW!

The incidence of influenza at E-RAU has increased yearly in marked proportions. The critical time for "flu" has typically been the months of January, February and March but it is important to receive your inoculations PRIOR to that time, namely now.

The Health Service Staff is

thank you!

Investigating the possibility of the E-RAU community being able to receive flu shots through the Volusia County Health Department (on a voluntary basis). However, anyone who wishes to "get in on the action" early (before supplies are depleted) may arrange through the Health Service to receive the injection at area physicians' offices.

Let's work together to foil the flu this year and save valuable time and expense (of health and finances).

### DAYTONA PLAYHOUSE AND YOU

The Daytona Playhouse has invited the students of Embry-Riddle to participate in the productions they put on locally. This participation would be in the way of technical assistance or even acting in these plays.

All students are invited to "Preview Night" at the Playhouse, which is held the Thursday night before the opening of each new show. They will

(Notices cont'd on pg 2)

## The Best Way Over The Hump

By Daniel Karger  
Avion Staff Reporter

The U.C. rocked once again this Wednesday with the sounds of "The Better Way." The band played top 40, disco, southern rock, and rock & roll. I talked to Greg Cardino who plays guitar for the band. He tells me that his band has been playing at the Aku Tiki for nine years and playing at E-RAU is an enjoyable change.

The bands stage show brought dancers onto the floor both at E-RAU and at the Aku Tiki, where I saw them last Saturday night. They have a lively and entertaining stage show which includes songs

from "The Charlie Daniels Band," "Doozie Bros," Lynyrd Skynyrd and the Beatles. On Wednesday at Aku Tiki they play "oldies but goodies" and there is a talent show there also. Anyone can enter.

Tony Grayland plays keyboards for the band, Mike Cameron plays bass guitar and Steve Starkey plays the drums. Everyone sings.

There is also an older persons bar upstairs, with entertainment, which is right out of the twilight zone. Stay downstairs, where Greg tells me, there is a special carry out service for drunks. They carry you out.



Showing us the way, The Better Way rocks Hump Day.

## EDITORIAL

It has come to my attention that quite a few of us have complaints, suggestions, etc. Well just don't keep these feelings limited to a select few, or yourselves. There are places for your suggestions to be heard. To start with, you could talk to your teachers and faculty advisors. These people are all in their offices during their office hours. If they can't help you maybe your Resident Advisor in the dorms can handle your problem. If you still have not found any help go to your division chairman. Perhaps they can point you in the right direction.

Also there are deans of various colleges: Air Science, Afr Studies, etc. Take your problems to them. After all, you are paying good money for your education - why waste it by letting problems get the best of you. Remember these people are paid from our tuition dollars and they are there to help.

If you still haven't gotten satisfaction, the AVION is a good place to air your feelings in print. We are willing to accept all letters that are coherently written as long as they are not slanderous or degrading.

*Mitchell A. Powell*



### Notices

(Continued from pg 1)

provide 50 seats for interested students, and someone will need to call them and let them know exactly how many will attend a few days before the show. They'll provide a schedule with exact dates. (Students can contact the Student Activities Office for this information).

Jack Reed, Director of the Daytona Playhouse, would be happy to arrange a tour of their plant for any students that are interested in becoming involved with the Playhouse. His phone number is 255-2451. Please call Jeanne Wahlin if there are any questions (same number).

There is an active Bicycle Club meeting scheduled for Saturday, October 11, at 6:00 p.m. in the Common Purpose Room. Meanwhile the club rides every Saturday at 9:00 a.m. which starts at the front entrance to the University Center.

■ ■ ■ ■ ■

volved with the Playhouse. His phone number is 255-2451. Please call Jeanne Wahlin if there are any questions (same number).

■ ■ ■ ■ ■

I want you to go to your window, throw them open and yell "I'm mad as hell and I'm not gonna take this anymore" ... "The Avion hasn't enough writers and needs all they can get" ... we've got photographers up the butt/what we need are writers.



## Klyde Morris

... one of my personal experiences in economics is a fine example of this...

I see the first guest speaker of the Tri, and he has to come in on a Monday...

Listen I'm the R.A. and my book says NO pets in the dorm rooms...

But... Myron's only a tarantula...

... when the monetary crunch of 1978 occurred I was...

Look hit the way he presents himself, like he really knows what he's talkin' about.

I don't care, rules are rules. You've got to get rid of that spider.

Well... alright. As soon as I find him... Heers & Myron...

... on the staff here at Embry Riddle...

I wonder if he could handle it if during the question and answer period I'd ask him some colloquial questions such as...

You Mean that Damn thing's loose in here?!

He needs his exercise. Oh... there he is... right on your neck.

We decided to solve the schools financial problems by intercepting Arab students... photos...

... or... why don't you just leave it in the back? or... take it where it stuck on your neck?

What's that?"

IEEEAHAA

Hey! careful or you'll smash him!

## the avion

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THE OPINIONS EXPRESSED In this paper 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. All letters submitted will be printed provided they are not lewd, 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.

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## The Bar Tender

By Pat Hassett

This week we go to the glorious dive called the "Other Place". The "OP" as most fans call it is located on N. Atlantic Ave. in the Ellinger Village district in Ormond Beach.

The OP normally gets some fairly good rock-n-roll bands and once in a while gets some super acts like "Wayne Cochran and the CC Riders."

The drinks are overpriced and undersized and when I asked for a tall brand rum, they gave me some rot-gut liquid and charged me more.

For you billiard and pin-ball wizards, plenty of tables and games are located in the back. There's not much room on the dance floor but there are enough of the opposite sex to keep you busy.

Show a "Riddle ID" and you get in free or for a cut-rate depending on the night you go there.

If you're into jewelry, or other metal goodies, they have a resident jewelry salesman there.

They offer different drink specials and ladies drink free nights but they vary from week to week.

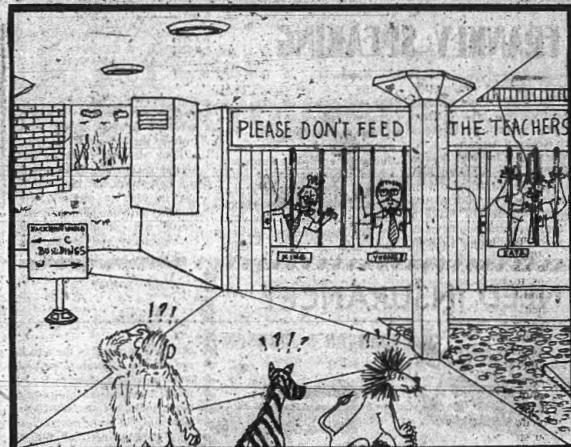
This week's drink: Manhattan - UP!

1) Long shot of whiskey or VO,  $\frac{1}{2}$  ounce of Sweet Vermouth, pour over ice to chill it, strain contents into an "UP" glass, add a cherry.

## New Offices?

Contrary to popular belief Riddle is not assembling a bazaar on the sidewalks of the academic complex; those glass casings are actually offices which were made necessary due to the population explosion of Riddle. Due to the increase in students the departments were forced to hire more teachers to meet the demands.

Since we were already without extra office space and the conversion of the math annex was already on its way, it became necessary to build the new offices. Another expedient solution by Riddle! Now, maybe next year, when the population increases again, offices will be built in the hallways in the dorms. This is planet earth calling Administration, we seem to have a problem...over.



For those of you interested in cooperative education, Co-op Orientations will be held Oct. 25 at 4 p.m. in the Faculty/Staff Lounge. It is mandatory to attend an orientation if you want to co-op.

Attention: Students who plan to graduate in December '79. The Career Center has many job openings in all majors. You are welcome to come to our office for further information. We will also help you with the development of resumes and cover letters. Please don't ignore our services: we want to help you.

For those of you who did not know, there is a new course: Psychology of Career Planning, being offered to students of all majors and year of attendance. Subjects covered are crucial to your finding a career that is satisfying. For more information, come to our office.

The Career Center has a new secretary. Her name is Karen Miller. You are all welcome to come on in and meet her.

**INTERVIEWS**  
Cessna Pawnee.....Oct. 8  
Engineers (grad & co-op)  
Hewlett Packard.....Oct. 10  
Engineers  
Eglin Air Force Base.....Oct. 11  
Computer Science, Engineers  
United Space Boosters.....Oct. 12  
Engineers  
Arnold Research.....Oct. 11-12  
Engineers  
Dept. of the Navy.....Oct. 26  
Engineers - Virginia  
Lockheed-Georgia.....Oct. 30-31  
Engineers (Co-op)  
Cleveland Pneumatic.....Nov. 1  
Engineers (Grads)

Cleveland Pneumatic.....Nov. 2  
Engineers (Co-op)  
Pratt & Whitney.....Nov. 6

Avco-Lycoming.....Nov. 7-8  
Engineers

Beech Aircraft.....Nov. 13  
Engineers (grad & co-ops)

Sikorsky Aircraft.....Nov. 13

McDonnell Douglas.....Nov. 14

Engineers - St. Louis

Douglas Aircraft.....Nov. 14

Engineers - Long Beach

Natl. Aviation Facilities - Experimental Center.....Nov. 27

Engineers (Co-op)

Hewlett Packard.....Jan. 17

Lockheed-Georgia.....Jan. 17

Engineers

Hamilton Standard.....Jan. 23

Engineers

Eglin Air Force Base.....Feb. 7

Computer Science, Engineers

Cessna Pawnee.....Feb. 11

Engineers

Sikorsky Aircraft.....Feb. 12

Engineers

Avco-Lycoming.....Feb. 13

Engineers

Boeing Vertol.....Feb. 18

Engineers

McDonnell Douglas.....Feb. 19

Engineers - St. Louis

Pratt & Whitney.....Feb. 26

Engineers

Dept. of the Navy.....Feb. 28

Engineers

Martin Marietta.....Feb. 29

Engineers - Orlando, Denver

New Orleans



## NTSB REPORT

The National Transportation Safety Board today reiterated its 1978 recommendations that the FAA require Flight Data Recorder and Cockpit Voice Recorder equipment on complex general aviation aircraft.

The Board's recommendations were included in a report issued today on the crash of a Gates Learjet 25B aircraft that occurred at Sanford, N.C. on Sept. 8, 1977.

The aircraft departed the Sanford Airport about 8:18 p.m. EST bound for Flint, Michigan. Surface weather observations were ceiling - measured 1,200 feet overcast, visibility 2 1/2 miles.

The flight was about 3 miles west of the airport, climbing through 3,000 feet on a heading of 270 degrees, when it disappeared from radar. There were no distress calls. However, several witnesses saw the aircraft "on fire" below the 600-foot overcast and as the flight completed a right turn to a northeasterly heading it suddenly dove to the ground. All five occupants were killed and the aircraft was destroyed.

The Safety Board determined that the probable cause of this accident was "one or more low-order explosions in the aircraft's aft fuselage which resulted in a fire and loss of control capability. The Safety Board could not determine conclusively the fuel and ignition sources of the initial explosion; however, gases from the aircraft's batteries or leakage from fuel system components, or both, could have been present in the area of the initial explosion."

The Board found that the flightcrew's difficulties with the aircraft began soon after takeoff. Almost immediately after initial clearance from the Fayetteville departure controller had been acknowledged by the flight crew the aircraft's transponder target disappeared from the controller's radar display. The crew did not respond to

further transmissions. The IFR departure route was abandoned without warning the controller. The aircraft descended rapidly until it was below the 600-foot overcast. Witnesses who watched the aircraft during its last mile of flight stated it was on fire which was described as "coming from below and near the tail" with "flames at least 30 feet wide."

The Board pointed out that burns and soot on the left side of the vertical stabilizer, protectively covered by mud at the crash site, clearly indicate that fire existed in the aft section of the aircraft before the crash. Also the soot on the air conditioner motor and plenum chamber fair assembly, also protected by mud, verified the existence and location of pre-crash flight fire.

The Board said that there was evidence of a pre-crash explosion in two areas of the

aircraft's aft section - the fuselage fuel tank and the plenum chamber. However, the Board was unable to determine conclusively the initial source of the combustible material.

The Board concluded that the most likely sequence of events was a low order explosion in the aircraft's tailcone followed by in-flight fire. The explosion or fire penetrated the fuselage fuel tank and the fire grew progressively worse as the fuel escaped and burned. Shortly before the crash, the

fuselage fuel tank probably exploded and disrupted elevator and rudder controls which made further control of the aircraft impossible.

Chairman James B. King noted the Board's investigation of the Sanford accident, which he described as "complex and difficult," had taken two years to complete. He cited the absence of any helpful information from a Cockpit Voice Recorder or a Flight Data Recorder. The investigation required

CONTINUED pg 4

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## FRANKLY SPEAKING

Last week in conjunction with the FAA, Embry-Riddle revealed its new ultra modern approach system to Daytona Beach Regional Airport.

The system involves the use of the new air-conditioning system tower design, coupled with the new clock in front of the University Center to make a safe approach and landing in as low as 0-0 conditions. I talked

"Approach" uses the lights and letters from the newly designed air conditioned water tower

and calculations using your own watch coupled with the new, "3 o'clock - clock" on front of the U.C.

The new approach is expected to become fully tested and approved by late 1980, just in time to reassure new students arriving next Fall trimester will get in under any circumstances and conditions.

### NTSB REPORT

(Continued from 3)

extensive mockup of the wreckage, special laboratory testing, and structural analysis by Board technicians and outside consultants. In such cases, the Chairman said, we must never allow the thoroughness of our work to be limited by time.

The Board noted that the Sandford accident "and several other accidents" involved complex general aviation type aircraft illustrate the difficulty of clearly establishing causal factors and possible preventive measures without the aid of a cockpit voice recorder and a flight data recorder. Therefore the Safety Board reiterated the following recommendations to the FAA:

\*Develop, in cooperation with industry, flight recorder standards (FDR/CVR) for complex aircraft which are predicated upon intended aircraft usage.

\*Draft, specifications and fund research and development for a low cost FDR, CVR, and composite recorder which can be used on complex general aviation aircraft. Establish guidelines for these recorders.

By Al Lin

As I walk throughout the campus and all of its buildings this tri, I feel very good seeing all the various posters and bulletins tacked up everywhere about all the activities going on.

With all the various clubs

## Al's Corner

and organizations and events happening I'm sure there is something of interest for everybody. But most of all I'm glad to see that Embry-Riddle has put forth the biggest and most earnest effort yet trying to promote student participation.

Still yet, the key word is involvement. I know it's been said so many times before and I'll say it again - get involved. Pick out something that interests you and put your head to it for the personal enrichment that is waiting as your reward is indescribable.

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## ERAU OBTAINS NEW COMPUTER TERMINALS

By Juan Colon  
Avion Staff Member

As you may have noticed, the computer room in Building C is not there anymore. In its place there is an extension of the Central Processing Unit.

Well, the reason for the disappearance is that we now have a brand new computer room equipped with 25 new terminals (as opposed to the 10 or 12 that we used to have).

The move was done because the school has purchased a larger computer for the educational aspect of its use. The older, smaller computer that it replaced was sent to Prescott, to provide them with computing capabilities. We still have the old administration computer, which is adequate for the time being.

The new terminals are

ger than the old ones and have the keyboard attached to the CRT by means of an extension cable.

The advantage is that you can move the keyboard around to where it's comfortable and because it's ideal for learning typing.

As a matter of fact a new course is being offered: CF 101 "Introduction to Word Processing," worth 1 credit. It's a requirement for the Computer Science Degrees and a great help for students who take more than one computer course.

It enables you to enter your programs a lot faster and improves your typing speed. If you're interested in the course, contact Dr. Hirmanpour, chairman of Math & Physics, in building W, Room 323.

## HOLDING AT 30,000

By Brian Bell  
Staff Writer

Yesterday, at two a.m., EST, an Atlantic Airways DC-8 flight at 30,000 feet, from Boston nonstop to London, suddenly and quite unexpectedly lost its lighting system which controls the overhead panels

for the no-smoking and fasten seat belts signs. They became stuck in the on-position shortly after takeoff from Boston's Logan airport. The passengers became quite concerned when it became aware that they could not use the lavatories until the plane has come to a complete stop.

The flight went on to make a safe emergency landing at London's Heathrow airport as emergency crews stood by. It was later reported that none of the passengers were seriously hurt, however, it was evident that many of the passengers were quite shaken from the experience. One passenger was quoted as saying, "I thought I was going to die. I held it for eight hours. I just wish it happened before the inflight meal and all that coffee."

This was just another incident that has plagued the McDonnell-Douglas aircraft. The first involving the tragic loss of an engine on a DC-10 killing all on board. This lead to the later grounding of all the DC-10s. The second incident involved an Air-Canada DC-9 at 29,000 feet in which its tail cone unit separated in flight causing a rapid decompression. Later investigation of other DC-9s showed similar unsafe conditions exist. Now with this most recent involvement concerning the DC-8s lighting system, the Airline Passengers' Amalgamation is calling for the immediate grounding of all DC-8s till an indepth investigation can take place. The APA was very influential with the grounding of the DC-10s and is expected to fight hard for the same grounding of the DC-8s.



U.S. 1 South Daytona 761-8800

## Jim's Windjammer HAIR DESIGNS

\$2 Off With E-RAU I.D.

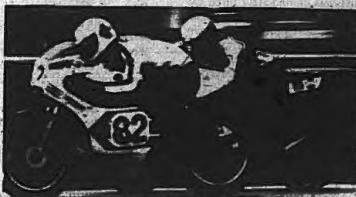
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Mon.-Weds.-Fri. 9-6 Tues.-Thurs. 9-7 Sat. 9-5

## Women Race Bikes



It appears one of the final male bastions in the sports world has fallen.

Entries for the October 6 and 7 Daytona Pro-Am show the amateurs to include the Hawaiian Tropic sponsored Gina Bovard racing in Grand Prix, and comely Carter Alsoz racing a Suzuki in the professional ranks.

Bovard, a graduate of the Rhode Island School of Design with a degree in Fine Arts will race a Yamaha 250 in Saturday and Sunday's competition.

Also, the first woman to earn a professional road racing license from the American Motorcyclist Association, will be aboard a Suzuki 1000.

She is the female counterpart of a "renaissance man" as she paints, designs furniture, is advanced in equitation, canoeing, swimming, water skiing and billiards.

She has two belts in Karate and is accomplished as a motorcycle mechanic and welder as well.

The expected field of more than forty professional riders will have their hands full with the determined Miss.

Based on early entries nearly half the professional field will be comprised of Superbikes in a preview of March's Daytona 200 in which they will be allowed for the first time.

Among the early entries are Honda, Suzuki, Moto Guzzi, Kawasaki and Ducati in addition to the Formula 750 Yamahas.

A special two-day bonus ticket is being offered to motorcycle road riders touring to the speedway.

In addition to admission to the grounds and paddock, the \$10.00 ticket will allow riders on road machines only, to tour the world famous Daytona 200 Motorcycle Classic 3.87 mile circuit.

The tour of the circuit is scheduled for Saturday, Oct. 6 at the close of the day's competition.



## BIKE CLUB



By Keith Maupin

For many students here at E-RAU, transportation within the area is accomplished by the use of a "two wheeler". Be it a bicyclist or motorcyclist - both types of commuters face similar problems. Have you ever noticed the wet rat that sits beside you in a class? Chances are this student is a two wheeler who fought the elements of the wild, jungle rains of Florida and lost. It is a constant problem. Pre-planned trips must be made in order to be soaked for the least amount of time.

## FLIGHT TEAM TRYOUTS !!!



★ TONIGHT AT 7:30 pm THE FLIGHT COMPUTER SPINOFF WILL BE HELD IN G - 109 . PRACTICE UP !!!

★ SAT OCT 6 th THE AIRCRAFT PREFLIGHT COMPETITION WILL OCCUR !!! TIME AND LOCATION TO BE ANNOUNCED

★ SUN OCT 7 th THE SIMULATOR PROFICIENCY COMPETITION WILL BE HELD TIME TO BE T.B.A.

★ TRYOUTS FOR THE FLYING EVENTS WILL BE HELD DURING THE WEEK STARTING MONDAY OCT 8 th A PILOT BRIEF WILL BE ANNOUNCED SOON!!!

### FLYING EVENTS INCLUDE:

- POWER ON AND POWER OFF ACCURACY LANDINGS!
- MESSAGE DROP
- XC NAVIGATION EVENT

BOX 5803 FOR INFO.

\* PRACTICE \*

be extra careful if he wants to do fun things. Like living!

This curse is not as bad as the local beastie, the Daytona Beach Driver. It is a notorious animal that enjoys watching bicyclists; more so than motorcyclists, be run off the road or just plain run off.

Motorcyclists enjoy the worry of the Driver that "just doesn't look for motorcyclists." Actually the problem isn't that severe, but it could be better. Any person on a bike needs to

first-come, first-serve. Future parking spaces for motorcycles will be provided, but that is still undecided among school officials as to where it will go.

On another note, for all bicyclists who are interested in forming a bike club or rally, please contact me, Keith Maupin, at Box 6579 before Saturday. It would be good to see this club underway.

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# fraternities

**EX**

Tonight are the Little Sisters interviews at the house at 8 p.m. All girls interested stop on by or give us a call. Friday night October 5th at 8 p.m. we will be meeting at the house to hold our Little Sister's initiation. Then following we'll all get together and go out and have a few drinks and a lot of laughs.

This past Saturday we had our Little Sisters Rush Party with a sensational turnout. Our bar was flowing smoothly all night long with a multitude of drinks to select from. We had a few of our pledge brothers tending bar and all I can say is that they tried hard. I must admit their drinks had me hurting just a tiny bit by the end of the evening. Glenn White's room was attracting itself a crowd at the party - not because of you Glen. Chuck Wood was playing his guitar and giving us all a free live concert. Thanks Chuck you were excellent. Then Ray Belcher started singing (I

guess you would call it singing) and playing the guitar and for some unknown reason the crowd seemed to exit the room quite rapidly. Thanks to Wolfgang Schuster, our Little Sisters chairman the party was first class all the way.

Now I'll turn it over to the sports section and see what we have in store. Saturday the left nut? in football - 18-0. George Zimmer filled in for our regular quarterback - what's his name seeing he was off somewhere. Georg "threw" two touchdown passes one to Mike Closhy and Don Miller. The other TD was a handoff to Larry Ammirato from George Zimmer. George you did a fine job at QB, BUT I'd rather see you at split end.

Looking to the near future this Saturday all the brothers and pledges are going off to rent go carts and go wild for a day. Then following it's off to our pool for our 1st annual pool party of this trimester.

Anyone interested in Sigma Chi or have any questions just give us a call at 252-2277 or stop by at 520 S. Ridgewood anytime.

talls. We're approaching our first racing day, and - go-kart racing road trip, so watch out for us in the future! If you might be interested in fraternities, why don't you come talk to us.

The tri is now well underway and you can give us a good look. We hold our meetings on Friday night at 6:30 p.m. in the Common Purpose Room in the U.C. Stop on in and say hello, we think you'll be glad you did.

## Delta Chi

By Ed

The last week of September ended in style with our Annual Invasion of Rosie O'Grady's Good Time Emporium. This festive occasion is always a highlight of the trimester.

A horde of brothers, pledges, little sisters, and friends departed Daytona before dinner enroute to Orlando. By the time of arrival - partying had already begun.

As the night wore on a few people started to lose a bit of spatial reality. Kurt was noted wandering about aimlessly; Brett began to feel rubber leg; Tom hit the dance floor (and

# ODK

ODK is one of the three nationally recognized honor societies and the only one with a chapter at ERAU. ODK considers all facets of college achievements, particularly leadership.

The ODK symbol is the laurel crowned circle incorporating five stars, one for each facet of college achievement: academics, athletics, social and student government, publications and the Arts, and community involvement. Many leaders in government today are members of the society. Acceptance into ODK is a great honor, both for you and the Society. It is a formal recognition of your contributions to the school, the community, and your fellow man.

Approximately 400 letters have been sent out to upperclassmen with a GPA of 3.00 or better who we believe may meet the requirements of Omicron Delta Kappa. For those of you who received forms and still have questions concerning ODK, please contact the selection committee chairman John F. Rourke at MR No. 4292 or Nena Backer at Ext. 316.

Helmut H. Reda  
President

the beach afterwards); and the pledges all had smiles upon their faces. All in all, this will be a tough act to follow. Somehow, though, us Delta Chis will surpass this past weekend.

A little fraternity history: Delta Chi was founded as a national fraternity in 1890 at Cornell University. There are over 100 Delta Chi chapters across the United States. The Embry-Riddle chapter was established in 1970 making us one of the oldest social fraternities on campus.

If you have any questions concerning Delta Chi, please call the house at 252-9429 or just stop by. We are located at 538 S. Ridgewood - next to the Sun Bank.

To all of Riddle's fine ladies - there will be a little sister's rush party on Friday night. We'd love to see you at the house. Perhaps we can show you what Delta Chi is about. If you have any questions, contact Bertha Degenhart or call the house. Rides are available, too.

That's about it for this week. Until next week - keep the blue side up.

## ARNOLD AIR SOCIETY BILL ROBIE WILSON, SR.

By AAS Info. Officer  
David Hyong

Well the fall trimester is heating up and so is the list of October. On Saturday 6 October an entire day of activities is planned starting at 10:00 with a car wash at Steak and Shake on AIA. Cost \$1. Come down and let us remove the dirt and grime from your "Machine" for only a buck!

Members don't forget to bring all those necessary essentials: buckets, soap, hoses, sponges or rags, etc. Then at 1900 we'll meet at Mr. Tees Pizza for a pizza party followed by a session of roller skating afterwards. It should be a blast as well as quite interesting to say the least.

Our regular monthly dinner meeting will be held at Brewmaster's on 17 October. No time has been set for that yet. Also in October AAS will assist the March of Dimes in a walk-a-thon in Flagler Beach and the Jaycees - with their annual Haunted House. A note to those of you in AFROTC but not in AAS. You're missing a lot of good fun and fellowship in a great organization. It's not too late to pledge in the ROTC building and get involved. You'll be glad you did!

++

(A week late - but still news)

Well, another week has flown by and so far we here at AAS are still hanging on for survival. Speaking of survival, if you weren't at your regular AAS meeting this past week you missed a real treat. Once again we learned that there is nothing regular or ordinary about AAS meetings. In fact the order of chaos at Wednesday's meeting measured 6.2 on the open mouthed Martin scale.

Those present were under continued aerial attack from a squadron of bandits known as Severino's Raiders. Time and

time again the raiders sent us scurrying to take cover from their "Kamakaze" attacks. It seems like the raiders were suffering from acute engineering and structural deficiencies caused by their mastermind Russ Severino. All was not a total loss however, as Russ was immediately hired by McDonnell Douglas to head up the development of their latest series of structurally deficient "people killers". The name of this new engineering marvel? You guessed it! The DC (Death Craft) 131. Lucky passengers of its maiden flight are provided with their choice of burial plots anywhere in the U.S. by McDonnell Douglas. Plans are currently being made for a big bash of festivities Oct. 6, Saturday, including a car wash, dinner at Mister T's Pizza, and a roller skating party.

## ERAU Wives

"Octoberfest" Party at Club Indigo, 8:00 Friday Oct. 26-\$30.00 a couple, includes extensive dinner buffet with German food featured.

Dancing and entertainment music by Polk Pals and Monte and Claire.

Wives of Administrators, staff, faculty and female administrators and faculty are all eligible to join our organization, yearly dues \$6.00. Reservations for the Octoberfest are limited, please send your check by Friday Oct. 6 to Lavina Chrisman - 366 Emory Dr. - Daytona Beach, Fla. 32014. For further information phone Social Chairman Capt Doten at 673-1261.



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NO APPOINTMENTS NECESSARY

6

Wednesday / 3 Oct., 1979



# VETS

By Pat Hassett

\*First - The Regatta is coming up, OCTOBER 13th WILL BE THE DAY OF THE RACE. Entry blanks and rules can be picked up at Joe Golinski's office. (Admissions Dept. or B.D.'s or from any Vet's Club member).

WE WILL HAVE SPONSORS AVAILABLE TO PAY THE EXPENSES FOR YOU.

\*The Regatta goes back seven years and has been considered a highlight of extra-curricular activities. This year TV cameras will be focusing in on the race so there and you might become a star. (adult movie actors make more than pilots - fact!)

\*The Beer Party at the pool Friday night was spectacular as usual with everybody making asses out of themselves in front of these very impressionable freshmen - so what!

\*Congratulations go to Joe Golinski - for his promotion to Admissions. By the way Joe, who's rear end did you kiss to get that job??

\*Saturday night was quite enjoyable with the combined effort of some Lambda Chi Alpha people. We managed to get kicked out of Pandora's Box after we tormented the cross-eyed stripper...

\*Last and most devious, assassins anonymous is still trying to get organized as soon as Jeffery in Student Affairs quits playing around with us - keep it up and you'll be number one on the list - Chief!

\*As they say in Spain Adios Muñah!

## AFROTC

Last week we included an article about Lt. Col. Doten. So this week we'd like to run an article of another instructor here at Riddle. This instructor is Capt. Richard Merlin. For those of you who are new to the detachment, Capt. Merlin is the guy who's always out on the B-Ball courts with silver bars in his headband.

Capt. Merlin joined the Air Force in 1968 through the ROTC after receiving his Bachelor's degree in Biology from the University of Florida, Gainesville. His first assignment took him to the Titan II Missile School at Sheppard AFB in Texas for four months. He went to Vandenburg AFB, California for Titan Combat training for three months after which he served at McConnell AFB as deputy combat crew commander for

Titan II for 18 months. He was upgraded in 1971 to the commander and served in that position for three years. He then moved to maintenance and served as the branch chief (field maintenance) for nine months. He was selected to go to the Squadron Officer School in residence at Maxwell AFB, Alabama for 11 weeks after which he returned to McConnell as Wing Job Controller officer for nine months. In 1975, he took off and went to Wichita State University for one term as a full-time student to complete his Master's degree in counseling and returned to McConnell as Chief of Documentation, Plans and Scheduling. He attended the Academic Instructor School at Maxwell AFB in 1976 and proceeded from there to his ROTC assignment here at Riddle. Capt. Merlin became the Commandant of Cadets in January 1978.

Capt. Merlin is the recruiting and advertising officer as well as the Arnold Air Society advisor. He is also the junior class instructor in Air Force Aerospace Studies.

He is a licensed scuba diver, enjoys fishing and plans Racketball and softball. His main hobby is jogging. He is married and has two daughters.



By Daniel J. Mihuc

The ERAU Flight Team after nearly a year and a half of dormancy is now preparing to erupt, for the NIFA Regional AirMeet will be held in Auburn, Alabama on October 26, 1979.

It must be emphasized that the Flight Team is representing all of you; the students, faculty, and staff of our nation's only total aviation university.

Tryouts for the events the ERAU Flight Team participates in are being held starting tonight with the Flight Computer Spinoff in G-109 at 7:30 p.m. The tryouts for the other events are listed in an announcement located elsewhere in this paper.

Last Wednesday evening a meeting was held to go over the NIFA rules and procedures for each event. If you missed this meeting and feel like you want to participate, by all means get in touch with a member (phone and box num-

bers listed in announcements) and prepare to try out. This includes tonight's computer event.

The Flight Team is sponsoring numerous fund raising events such as last week's beer raffle, and bake sale, and this week's "Free Hour in a C-172" raffle. These activities occur for a purpose!

It costs money to attend an airmeet such as this one. However, it is a worthwhile investment in the future reputation of ERAU which will eventually effect us all. Other fund raisers planned include car washes and plane washes. The Flight Team has obtained funds amounting to \$350.00 from Alpha Eta Rho.

AHP challenges other fraternities on campus to do the same, or better. The students - faculty and staff can help by participating in the Flight Team sponsored raffles and car washes planned to take place in the near future.

Embry-Riddle will be represented very well at this regional meet if the school as a whole shows support of the Flight Team's efforts. If the regionals are won then the Flight Team goes to the national airmeet in the Spring. No more need be said.

The next meeting of the Flight Team will be at 7:00 pm thursday in the CPR.

## The Management Club

By Elizabeth Heath

The Management Club held its first meeting of the year on Friday, Sept. 21, at the Chateau Vivon. Our honored guest speaker was Mr. Bill Hulse, President of Hangar One, Inc. He spoke on the history of Hangar One and the high demand of management positions. The meeting also consisted of appointing our new Vice-President - Randy May. We would like to thank all members and faculty staff who help make the meeting a success. Our next meeting will be held on Oct. 19th. Our guest speaker will be Mr. Paul T. MacAuley, Director of Information at Tampa International Airport. He will speak on the Daily Operations of Tampa International and the various job opportunities.

Other activities going on

are the "Riddle Regatta" which will be held on Oct. 13th. Be sure to sign up in the Student Activities Office to join. All members are encouraged to participate.

The Vero Beach tour of Piper Aircraft Manufacturing Plant will be for PAID MEMBERS ONLY! All the details will be covered in the next meeting.

If you are interested in working the Octoberfest please contact Randy Alexander Mail Box 3297.

Last but not least - if ANYONE is still interested in joining the Management Club IT'S NOT TOO LATE. Please send your dues (\$3.00 / mth) to Gwen Holkeboer's Mail Box 2793, and automatically receive acceptance. We would like to announce our membership has increased 100% from last year and hopefully we will be the biggest club at Embry-Riddle.

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FROM 8:30-4:00  
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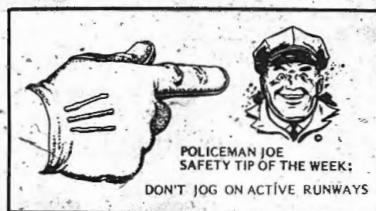
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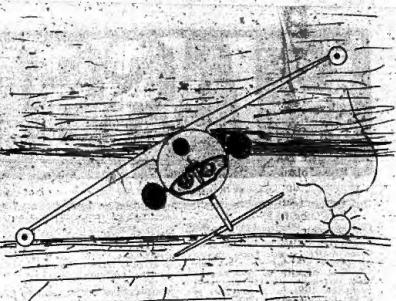
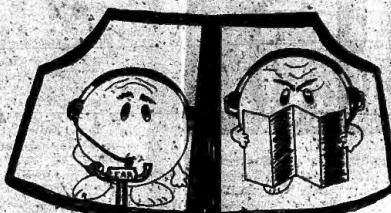
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It is best to write on the right-hand pages only. You can then make your own study, review or textbook notes on the left-hand pages.

Jot down questions as they occur to you in class and hold them for the appropriate moment. They might be answered or become unimportant in a few minutes. But if not, you'll

## Get The Best From Your Class Notes

want to have them answered either in class or later.

Be alert to the instructor's tone, emphasis or questions. There may be clues to things that will appear on an exam. For example, if Professor Smith says, "Five important reasons for the treaty were . . ." or "Remember now . . ." you can be sure those are things to be recorded.

Class lectures and textbook assignments do not always parallel each other. Your class notes will reflect the instructor's approach to the topic; but you might find it helpful to make additional notes from your textbook on the left-hand page across from your class notes.

Design your notetaking system so that you have sufficient room to record the instructor's material, your reading notes AND your review notes on one page or two opposite pages.

Remember, review your class notes as soon as possible after the session has ended. In this way you'll be able to correct, clarify or fill-in where necessary. This review time will also be critical in helping you remember the class material when it is fresh in your mind.

One style of notetaking developed at Cornell University, has been very helpful to students. On every right-hand page, draw a vertical line from top to bottom, 1½ inches in from the left side. In class use the large 6-inch column on the right for recording the lecture material. After class and during

study times, use the smaller left-hand column for making your own review notes. By marking down the key word, idea or fact, it can help you remember what you are studying and help you review for exams. Some students find it helpful to use a colored marker or pen during review to underline the important words or phrases.

Completing textbook or reading assignments before each class will help minimize note-taking in class. You will know whether the material under discussion is in the text or not. You will already have underlined the important ideas in the book, so you won't have to duplicate these points when the instructor makes them. Instead of taking down these same facts write "refer to textbook chapter."

Typing or rewriting notes is normally a waste of time, if they are legible, accurate and complete it is much more productive to spend your time reviewing the notes, reading your text and keeping up every day and every week with your studies.

## Citation III Debut

ATLANTA, Ga. — Cessna Aircraft Company's new Citation III business jet made its first public appearance Sept. 24 near Atlanta, Georgia.

The swept-wing, intercontinental Citation III, which made its first flight May 30, was flown to Callaway Gardens, Georgia for a showing to nearly 500 corporate aircraft operators.

Many of those attending the annual update seminar on the progress of Cessna's latest Citation model, were already ordered the Citation III.

The seminar was held on the eve of the annual National

Business Aircraft's Association (NBAA) convention in Atlanta.

The 540 mph Citation III features a new, more efficient wing, new and stronger methods of construction and new engines that are quieter and use much less fuel than earlier jet engines.

Cessna's newest Citation has a non-stop range of up to 3,450 miles, and can climb direct to higher altitudes than any other business jet. At cruise, it will cruise at altitudes up to 41,000 feet.

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CHERYL GALLOWAY



## Profile: New Faculty

By KW Johnson

He taught college in India before coming to the United States in 1971 as a student of Ohio State University. There, he obtained his Masters degree and PhD.

His name is Dr. Aggerwal, and he is qualified to teach mathematics, physics, statistics and computer science. For us he teaches calculus, algebra and statistics.

Dr. Aggerwal came to Embry-Riddle this past August. He considers this to be a very good, and a still developing university. The contact he has had so far with the students here has been considerable, and he hopes to see more people, more often.

Ping-Pong and math puzzles occupy some of the doctor's spare time, but mostly he enjoys reading about the history of science, and the men who made it great.

Dr. GUPTA, ALSO FROM INDIA

Dr. Gupta received his first PhD. in 1970, and taught there for the next four years. He arrived in America in January of 1975 as a faculty member of Virginia Poly-Technical Institute and State University. It was while teaching there, when he got his second PhD., this one in mechanics, in December of 1977. He continued teaching there until last August, when he arrived here at Embry-Riddle.

Dr. Gupta found Riddle to be a new and growing university and felt he could play an important part in its development. He says that the faculty here is friendly and very cooperative and was impressed with our personnel.

Aerodynamics one and two is what Dr. Gupta currently teaches, and he hopes to add advanced aerodynamics next trimester.

Teaching has always been a life-long ambition of his. In his spare time, he enjoys tennis, gardening and being around his three children. He also hopes to pursue his interest in flying.

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# OPEN FORUM

By Al Lin  
Avion Columnist

Last Tuesday night Sept. 25 at 7:00 p.m. in the ROTC Building behind 'Dorm I' an open forum was conducted. The panel members were Dr. Jeffrey Ledewitz, vice president of Student Affairs, Dean Peter Holmes, assistant Dean of Students, Robert Brown, Division Chairman of Flight, Dr. Tony DiGirolamo, Division Chairman of Aeronautical Science, Dean Daly of Aviation Technology, Dr. Ron Wiley of Aeronautical Studies, and Leigh St. Andrew, Resident Director of Dorm I.

Although only some 25 students showed up to air their problems, the idea of the forum was excellent in bringing together the administration with the students. Despite the bulk of the problems dealing with students on an individual level, the school-panel expressed a genuine concern on behalf of the students' welfare. A point understood is that Embry-Riddle is growing and the administration is doing everything possible to accommodate this.

The only shortcoming of this forum was that not enough students attended and this could have been a result of the short announcement time. Maybe soon another forum can be held with a better student turnout.

During the meeting, Dr. Ledewitz stressed the importance of every student knowing his or her academic advisor especially before registration time, for they can be of valuable help as to what courses to take. Due to the rapid expansion of the faculty, Dr. Ledewitz will be submitting to the AVION soon a list of all Faculty members, where and who they are, and how to contact them.

The AVION will print this list as soon as possible. As for the many dormitory problems this fall, Dean Peter Holmes is the person to see to clear them up.

As the right of all students, if you have a problem, find out who is in charge and "ASK."

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By Margaret Babcock  
Entertainment Committee

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