

SKYSHARK: BOLTON'S PET PROJECT

In November of last year, Dr. Giola, Chief Designer and Promoter of the amphibious bizjet, the Skyshark, set out to find Mr. Willard Bolton, a Jet Lab instructor here at E-RAU. It seems that Mr. Bolton's reputation for being a contributor in developing the turbojet engine for practical application, is highly regarded in the aviation industry. With this in mind, Dr. Giola contacted Mr. Bolton and sold him on the idea of such an aircraft as the Skyshark.

Mr. Bolton volunteered his help for the project by offering to overhaul two of the Fairchild J44 jet engines that are to be used on the first scaled down, experimental version of the Skyshark. Dr. Giola then sent the two engines to E-RAU's Jet Lab. Mr. Bolton commandeered an all volunteer group of interested A&P students to assist him in this project. The members of this group are, N. Hale, J. Frye, W. White, A. Teel R. Stahl, J. Jackson, L. McBride, A. Forest, B. Kelly, and J. Eggenschwiler. They have succeeded to date to completely disassemble, inspect, repair, assemble, and make ready

for the test cell, both of those engines.

Still eager to be of some assistance in the project, Mr. Bolton suggested that perhaps ERAU's Engineering Department might be of some value in designing and developing the new jet. In January of this year, a meeting was arranged by Mr. Bolton between Dr. Giola, Col. Thomas Stafford, another key figure in the Skyshark project, and various department heads here at E-RAU. As reported in the last issue of the Alumni News, the results of the meeting proved to be more than fruitful. E-RAU's Engineering Department will attempt to develop the design, and carry out a detailed performance, weight analysis, and stability and control studies. In addition, Engineering students may get a hand at building scale mock-ups and engineering test components for the project.

Once again, many of us here at E-RAU are indebted to Mr. Bolton for his own personal efforts in obtaining for some of us practical projects to which we can apply our new found knowledge.

NEW GRADUATION PROPOSAL

Do you care about this and future graduations?? NOW is the time, our LAST time, to express our feelings on the graduation site.

Take time and give a damn about your future. Drop a note to your S.G.A. representative or personally let your wishes be known. **BEFORE: MARCH 2 at 12:00 NOON.**

CHOICES OF SITES INCLUDE:

1. AN OPEN FIELD GRADUATION, THE MORNING OF THE 19TH OF APRIL.
2. A NIGHT GRADUATION AT THE PEABODY AUDITORIUM ON THE 19TH OF APR.

A good response is needed before we can convince the administration of our wishes. Reps' E-RAU box numbers can be found on the S. G.A. Bulletin Board. - take the time, show we care, don't leave it to the "other guy."

S.G.A. MEETING TODAY
ISSUE - GRADUATION
12:00 NOON, ROOM 108



WILLARD BOLTON AND INTERESTED VOLUNTEERS
(SEE ADDITIONAL PICTURE, PAGE 13)

TABLE OF CONTENTS

SPEAKING OUT.....	2
FRATS.....	4
FLIGHT QUIZ.....	6
VETS ASSOC.....	6
SAFETY TIPS.....	7
GARY ANDERSON.....	7
SPORTS.....	8
MINI - MINUTES.....	10
DIVING EAGLES.....	12

SPEAKING OUT

The AVION reserves the right to edit letters as we see fit in accordance with good journalistic practice. All letters must be signed, although names will be withheld upon request from the writer.



THREE LI'L PIGS

BOB DUDEN

In the city of Embry, in the county of Riddle, lived the fabled Three Little Pigs. The first pig was a student, short on time and especially money. He built his house out of straw. Now we all know what would happen to that first little pig when the wolf came to town.

The second little pig was an administrator. He has been around for awhile aquired some wealth and put his fortune into a little stronger house. Of course wolves today are persistent and even a house of wood could not withstand the huffings and puffings thrown against it. The wooden house would also succumb to the wolf and leave the second little pig in the same barrel or better yet stomach, as the first.

The third little pig was the boss pig. It was his job to see that everything moved smoothly and efficiently. For his endeavors he was given a house. Granted the boss pig worked very hard, just as other boss pigs in other cities worked hard, but for some reason this house was special. You see, the student pig and the administrator pig had to build their own houses, and directly, they also built the boss pigs' house. Whata house it was! No where in the city was there another quite like it. Imagine a house of brick, obviously the highest achievement any pig could wish for. And after all, who was the boss pig.

Of course the wolf heard about it and just had to test it out. The boss pig hid inside, safe behind his wall of brick. The wolf strutted up and huffed and puffed but nothing happened. Being the smart wolf that he was, he decided to use a different strategy. He left the big brick house on the beach and walked into town. At first the student pig was

wary but the crafty wolf convinced him of his integrity and persuaded him to join the campaign against big brick houses, after all, if boss pigs had one shouldn't student pigs also have one? Soon, student pigs from all over the city had joined the wolf's crusade. Back they marched to the big brick house. The boss pig was amazed at the following the wolf had attracted. Naturally he feared for his house and life, in that order. So to appease the crowd, he granted an advertised, public meeting. The meeting didn't solve anything, and the wolf still could not blow the house down, but it did prove one thing. You don't get what you pay for!

PRESIDENT'S CORNER



Dear Students,

As of today, I have received only one suggestion for facilities for the new student union. If I don't receive any more suggestions, I can only conclude that the students of Embry Riddle don't care how their money is spent. If this is the case, the students of E-RAU may wake up one day to find their student union has turned into as big a fiasco as this year's graduation.

I was pleased with the turn out for this past week's meeting with the administration, however, because of the number of

students on campus and the lack of time, meetings of this type cannot possibly be scheduled as often as you would like. Therefore I suggest that those students who have legitimate grievances submit them to their respective representatives for action in the senate. The best way for the students to achieve democracy is through their own democratic organization.

Finally, I would like to report that this week I have received another complaint letter from the Sands Vending Company. In this letter, it was brought to my attention that vandals again broke into the machines and stole money and the food. I would like to point out that this is not only an example of immature behavior, but it is also a criminal act. If the vandalism is not stopped, the machines will have to be removed.

Stan Widak

Stan Widak
President

LETTERS

Dear Avion Editor,

While watching a friend of mine suffer the consequence of eating a hamburger (and he used the term loosely) from a Sand's vending machine, I hastily remembered that Sands may be catering our future university cafeteria. As I contemplated a possible future disaster in the making, my roommate came up with the idea of having Morrison's Catering Service cater our future cafeteria. Having Morrison's cater to our school could be a refreshing thought for the students who feel proper digestion is an essential element of eating. I suppose some people will consider my roommate's idea a "kick-back" - wards?

In MY opinion, those who feel having Morrison
CONTINUED NEXT PAGE

LETTERS CONTINUED

cater our future cafeteria a bad idea compared to what Sands has to offer (assuming Sand's food doesn't get any worse) have "bad taste". I'm not saying Morrison Catering is Utopian nor am I saying that I have tried all of the products Sand Vending delivers to the college (who could afford to waste good money?), but if past performance is any indication of future performance, then I think a change in food service might be a good idea.

Robert Belinke

Dear AVION,

Now that the "Battle of the Sand Pit" is over, with somewhat of a pyrrhic victory for the administration, let me suggest (however late) an alternative for future ceremonies.

Consider, if you will, the similar plight of many schools across this nation: the location of a building large enough to hold a large gathering of people for various ceremonies, briefings, or other occasions?

Their answer: The school gymnasium!!! All right gang, where's ours? A gym would be large enough for graduation, and could also "double" as a sports facility on the side (if our primary concern is a ceremony). Consider such things as basketball courts, a weight room, volleyball, handball courts, a sauna for the Scandinavian freaks (co-ed if you'll permit me to dream). PLUS: an alternative to the Phys. Ed. course -- a course in elementary gymnastics. The mind boggles at the advantages of such a project.

Let me propose a poll as to the acceptability of this idea. Keep them cards and letters coming, folks. Send them to the AVION. All apathetic types, send yours to Box 841 for an independent poll.

W.M. Sullivan Jr.
E-R Box 841

GUYANA SENDS STUDENTS TO E-RAU

The government of Guyana is sponsoring fourteen pro pilot students here at Embry Riddle. All of these students have had some former college level education and are enrolled here to be pilots. They will all return to Guyana upon graduation and serve in various military and civilian functions. They reside in Dorm 2 at present and seem quite pleased with the program here. Listed alphabetically below are the students and where they are from.

David Cameron-Georgetown, not pictured
Egbert Field, Jr.-Georgetown
Clarence Greene-Georgetown not pictured
Paul JaSilva - Georgetown
Peter X. JaSilva - Georgetown, not pictured
Larry London - Berbill
Lloyd Marshall-Georgetown
Rodwell Paul-Georgetown
Phillip Payne-Georgetown not pictured
Winston Phillips-Georgetown
Colin Richmond -Georgetown
Lennon Rodney - Beterverwagting



GUYANESE STUDENTS, ACTING "QUITE PLEASED WITH THE PROGRAM HERE."

ABSENCE from CLASS

Occasionally students find it necessary or desirable to be absent from class. This normally presents no problem provided that advance arrangements are made with the instructors or professors. If you leave the area, however, you should leave an address at which you can be reached with the Dean

of Men's Office. This is for your own benefit since an emergency could (and has) arise which only you could solve. If you were not available and could not be reached this could work an unnecessary hardship on your family or others interested in your well being.

LONDON
FOG

PETERS

GANT

STAG'S

MEN and WOMEN
CAMPUS and COUNTRY CLOTHING

2010 South Atlantic Avenue • 252-1105

HANG
TEN

Male

LARGEST SELECTION AVAILABLE

bells - flairs

square-toe boots

wide belts



wide ties

SALE! corduroy bush jackets

Bank Americard

Master Charge

ΣΦΔ ΔΧ ΣΧΔ ΑΗΡ

Sigma Chi Delta

BY RUSS STRINE

Sunday night the brothers of Sigma Chi Delta went through the pledge initiation ceremonies of Sigma Chi fraternity. Grand Praeter of Sigma Chi's Florida provinces took charge of the ceremonies which were very influencing to all of us. Mr. Howard Whetherall and Mr. John Knotts as well as several other area Sigma Chi alumni also helped in the hour and a half ceremony.

Our next step will be to take and pass the Sigma Chi pledge initiation, scheduled for Sunday, February 28. John Smith and Brandt McCool, Assistant Executive Secretary of Sigma Chi, will administer the test which will last about four hours.

During the week of March 1-6, each brother is required to do a project which has at least five hours of work involved. All projects must be done to our house, or to the grounds where the house is located. All of our projects are lined up and ready to go as soon as the Sigma Chi officers arrive and give us the word.

March 5th is the date of the ritual initiating us as Sigma Chis. We are all really anxious as the time draws nearer and nearer but, one thing at a time, the test must be passed first.

After the initiation, we have a semiformal banquet planned. It will be held at Tomoka Oaks Country Club. Many important dignitaries will be present for this affair, possibly JOHN Wayne, Barry Goldwater, and Milton Canniff of Steve Canyon fame.

Congratulations to John Spears upon accepting membership as an honorary brother. We're all glad to have you.

Last weekend, our pledges painted the balcony, stairs, and walkway to the rear of the house. They did a fine job and it looks well worth their time.

We're going to have a rough week ahead of us especially with mid-term exams coming up right in the middle of everything, but with some extra effort, we'll make it through.

DELTA PLEDGE CLASS Lawrence Sweeney

We are halfway through the trimester now and the Delta pledge class is nearly through the pledge period. The Delta Pledge Class is the fourth pledge class of Sigma Chi Delta, delta being the fourth letter of the Greek alphabet. The Delta Pledge Class also holds the distinction of being the last pledge class of Sigma Phi Delta here at Embry Riddle as well as the first pledge class of the national fraternity of Sigma Chi.

The Delta Pledge Class again worked at the Fraternity House this past weekend and a great deal was accomplished. I am one of the five pledges who lives at the fraternity house and I am very much pleased with the accommodations.

The pledges plan a school project for this weekend and President Gary Spangler has been coordinating with Mr. Miklavic in hopes of coming up with a valuable project.

Alpha Eta Rho

BY BOB DUDEN

It's becoming ever too clear that too much professionalism can be just as dangerous as an overt social outlook. Rho had its trimesterly "Trash-Can" party this past weekend and under the auspices of our "new look", the event ended up more like the ill fated voyage of the Titanic. It was doomed from the start.

The party in no way affected our play on the old softball diamond on Sunday. That too appeared completely doomed. As our team stacks up this year, we are probably the strongest around on defense. Sunday, we held the powerful Bombers to only five hits and three runs. Unfortunately, we

could only score one ourselves. That leaves our record at 1-1, but we'll be back.

Our pledge class is doing great, - so great in fact, that they decided to take one of the brothers for a little trip. I was the unlucky one destined to go. Unfortunately though, they somehow managed to drag along two extra brothers and piled us all into a Volkswagen. They didn't get much in the way of results, but they did show a lot of spirit.

The brothers took a trip to Orlando to the Altitude Chamber this past week, and from what we hear, the results were nothing short of comical. The Air Force has come up with a legal high that cost five bucks, but is apparently well worth it.

That's it, till next week.

Delta Chi

BY THE V.P. & H.M.

Since the trend these days as far as fraternities goes, is to evaluate and make your assets known, we of Delta Chi, have decided to jump on the bandwagon and get into the circus. Considered by many to be the best in the free world, our fraternity house contains the following attributes. What other fraternity house has a high performance oil burning furnace that goes through 100 gallons of oil in two days? What other fraternity house has two-tone (one shade in puke orange and the other in banana yellow) trim around the windows?

The house is equipped with all the luxuries one could possibly want. We get hot water sometimes if the Delta Chi Executive Sauna Bath, located in the cellar, isn't used too much. A unique device was implanted in the wood floors of the house after it was built, which will self-destruct the house after it gets old and worn out. Unfortunately, our device went off premature-

CONTINUED NEXT PAGE

AHP GOES to McCoy AFB

The brothers of AHP sponsored a trip to Orlando last Thursday to attend the Flight Physiology course offered by the USAF at McCoy AFB. Included in the course is a ride in the high altitude simulator, more commonly referred to as the "high altitude chamber". The course normally is a two day course, but an accelerated version of the course was given because of the time allotment allowed by class schedules here at ERAU.



ALPHA ETA RHO AT THE ALTITUDE CHAMBER.

In addition to being taken to 29,000 ft., the brothers also experienced a rapid decompression.

The brothers of AHP that attended were, Ron DeVoy, Jim Frye, Bob Smith, Rick Williams, Walt Drelek, Jeff Davis, and Mike Winters. In addition, five other students here at ERAU were invited to attend. The trip was made possible thru the efforts of AHP's Faculty Advisor, Mr. Charles Madison.

delta chi continued

ly and now millions of little black things, like bugs, are destroying our house. Funny, it's almost like they were eating holes in the wood. Pretty unique.

We also have in our possession, a beautiful chapter room behind the main house. All our secret meetings are supposed to be held here. The only trouble is some imposter moved into the chapter room and we can never seem to locate him.

Our own executive yacht is also docked in the back yard. You can see this fantastic ship just about every weekend on the Halifax River as Captain and brother Art Ericson, with unflagging persistence, try to start the powerful 1 H.P. engine. We know it will be one quick boat if the damn engine ever starts! Does anyone know where we can obtain a 1928 operating manual for a Polish outboard motor?

The house limousine can be seen most days parked in front of the house. Also called the "Brown Bomb", this car features such outstanding options as 18 bumper guards to protect our illustrious brothers and the bumpers from serious harm. The chauffeur, brother Ed Fusco, believes in arriving safely. That's why you'll never see the limousine do over 10 m.p.h.

I saved the best for last. Our Executive Aircraft, based at Daytona Municipal Airport, rounds out our fantastic list of material wealth. It can carry an unbelievable payload of over 400 pounds

fly at over 90 m.p.h., and go approximately three hours before refueling. Just recently, we had a little tragedy in the tail section of the plane. Brother Kent Roper made a fantastic short field landing, but pummeled the poop out of the tail wheel which stopped working immediately afterwards. Chief Pilot and illegal mechanic, brother Marty Pegelow, says the plane has the most modern navigation and communication gear you could get -- in 1946.

Well, pretty obviously, we do have a great amount of blessings, but the greatest asset our fraternity has is its brotherhood. Even after our house falls apart, our yacht sinks, our limousine gets junked, and our plane grounded, I'm positive our brotherhood will still remain.

HELICOPTER PILOTS NEEDED.

ATR PREFERRED

COMMERCIAL

ACCEPTED

ALSO COMBAT

MEDICS WITH

DUSTOFF EXPERIENCE

LOCAL CORPORATION

WORKING ON CONTRACT

IN THIS AREA

SEND RESUMES TO

OMNI AIR INC. P.O. BOX 890

NEW SMYRNA, FLORIDA 32079

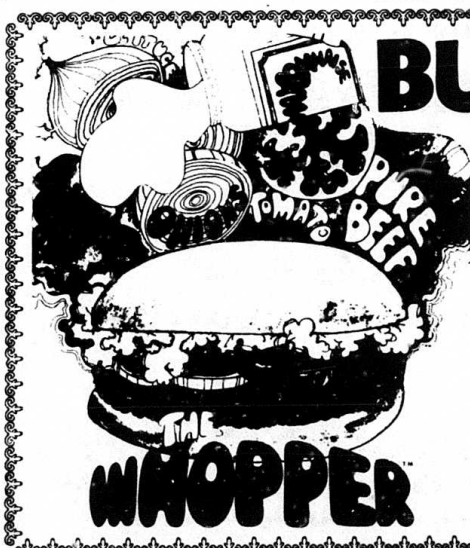
BURGER KING

gets it all together with the
WHOPPER

and awards a
free whopper
to the person
whose picture
is shown. Just
bring this ad.



JIM CARACCIOLA



1. A correct performance of "S" turns across a road and turns about a point requires that the bank must be steepest when:

- flying directly downwind
- flying directly crosswind on the downwind side
- entering the turn on the upwind side
- flying directly crosswind on the upwind side

2. Which of the following statements pertaining to angle of attack is correct

- if a constant airspeed can be maintained, the angle of attack will increase as the pitch is increased.

- it is possible for the wing of an airplane to pass through the air at a high angle of attack even though a constant altitude is maintained.

- an airplane in a power off descent will normally have a negative angle of attack

- regardless of the angle of attack, stall will

Flight Quiz

by donald e. bundy

occur only at low or comparatively low airspeeds.

3. Which statement correctly applies to hypoxia?

- a pilot will normally be aware of hypoxia because of the onset of pain and other warning symptoms
- hypoxia is the complete lack of oxygen supply to tissues

- hypoxia is the condition resulting from insufficient oxygen supply to the tissues

- hypoxia is accompanied by both decreased pulse and respiration

4. A pilot making an ILS approach used the visual display of his glide slope and localizer receiver to keep his aircraft within the prescribed approach zone. With reference to the glide slope indicator, what is the recommended maximum allowable "fly up" indication from the middle marker inbound to the

landing area?

- one quarter scale
- zero
- one-half scale
- three-quarter scale

5. One of the landing aids is the Visual Approach Slope Indicator (VASI), which provides a visual glide path within the approach zone. The lights at the 600-foot mark from the threshold are known as the downwind bars, and the lights at the 1300 foot mark are known as the upwind bars. When approaching on the proper glide slope, the pilot will see:

- the upwind lights red and the downwind lights white
- both upwind and downwind lights white
- both upwind and downwind lights pink
- the upwind lights white and the downwind lights red.

ANSWERS TO FLIGHT QUIZ:

1-A; 2-B; 3-C; 4-B; 5-A.

VETS ASSOC.

A meeting was held on Friday, Feb. 19th, at the Boars Head Lounge. A good time was had by all, and beer was again reduced to .25¢!

This Saturday, Feb. 27th the V.A. is sponsoring a trip to Busch Gardens for all dues-paid members, their wives and dates. The admission fee of \$2.00 per person will be paid by the V.A. All members interested in going to Busch Gardens will meet Saturday at 8:00 a.m. in the academic parking lot at the Academic Complex, where they will then proceed by Car Caravan to Busch Gardens. We are happy to have with us, members of the DBJC Vets Club.

Our next activity will be a trip to Cape Kennedy, scheduled for Saturday, March 13th.

Hope to see all of you this Saturday for a real blast!

Remember - pick up your checks from book sales at the Used Book Store. Movie tickets for \$1.25 are also available. Our next meeting is Friday March 5th at the Boars Head Lounge.

ERVAWA

BAKE SALE

Embry - Riddle Veterans Wives Auxiliary will hold a BAKE SALE, Saturday, March 6th at K-Mart Shopping Center. The sale will begin at 10:00 a.m. and continue until all bake goods are sold. The wives are making all the cakes, cookies, pies, and candy. Hope to see y'all there.

NOTICE!!!

Student Statistical sheets sent to approximately 125 students are needed by the Registrar's Office as soon as possible. No student will be pre-registered without having returned this form.

There Has Been A Change At HOLIDAY INN WEST

• Now Serving • Quick • Convenient •
Cafeteria Style • Great Food

Serving Hours:

Breakfast

6:00 - 11:00

Lunch

11:00 - 2:00

Dinner

5:00 - 8:00

Free! Piece of Pie With Your Meal Present This Ad to Cashier

SAFETY TIPS

HEARING LOSS and YOU

1. The most disabling hearing loss is that which causes a loss of speech discrimination. This is a function of hightone hearing ability in the 2000-4000 cycle per second (Hz) range. Noise induced deafness causes loss of this high frequency hearing ability.

2. The frequency which is adversely affected earliest in 4000 Hz. However it is not essential for easy understanding of the human voice. As a result, permanent high frequency hearing loss may be for advanced before you are aware of it.

3. Hearing loss is irreversible and damage begins with prolonged exposure to sound levels greater than 95 decibels.

4. Aircraft noise levels in most aircraft:

Reciprocating engine..... crew exposed to 85-130 db
Helicopter...crew exposed to 110-124 db
Jet engine...crew exposed to 85-110 db
Jet exhaust sound levels at takeoff...140-180 db

5. Ear plugs can give up to 25 decibels of protection and this is often enough to bring noise down to a non damaging level. If ear plugs are worn in conjunction with Mickey Mouse sound suppressors, protection can be as high as 55 decibels.

6. Join the society of protection against hearing loss by protecting yours.

STUDENT HUNG UP OVER PARKING

BY GARY ANDERSON

About two weeks ago in a tightening up measure, our student president, Stanley Widak, personally took charge of enforcement of student parking rules. He claimed that they had been too soft on violators in the past. Apparently, he has hired two rather large surly traffic judges.

Actually, I didn't give this much thought until the other night when I went over to visit my friend, Schroeder at the dorm. I hadn't been there too long when there was a knock on the door. When Schroeder opened it, Stanley's goons walked into the room.

"Yore name Schroeder, boy?"

"Yessir."

"Y'all get a ticket for parking in a faculty spot?"

"Yessir."

"Ya got any last requests?"

"Huh?"

"Get the rope Lucius."

"O.K. Clem."

"Wait a minute," I said, "You can't hang him."

"That's right boy, we ain't gonna hang him, we'll just string him a-

long a little. Ain't that right Lucius? Haw, Haw, Haw."

The last I saw of Schroeder, he was being dragged into a black pickup truck and tied to the gun rack. I became a little upset and went to see Stan.

"Stanley, where did you get those goons?"

"You like them? Raiford was laying guards off this week, and I picked them up cheap."

"But, they just lynched Schroeder!"

"I don't like the word 'lynched'. Let's just call it 'preventive detention.'"

"But, they hanged him! What did that prevent?"

"It prevented him from having to pay a fine."

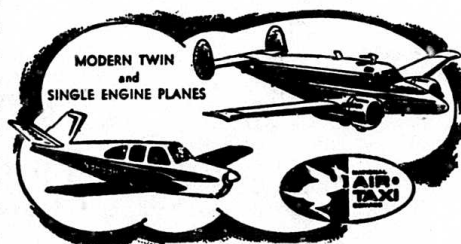
"You mean..."

"Yes; that was a first offense warning ticket."

"Stanley, you're all heart. By the way, where is the traffic judge you had replaced?"

"Oh, he's hanging around someplace."

VOLUSIA
AVIATION SERVICE, INC.
MUNICIPAL AIRPORT
VOLUSIA COUNTY'S OLDEST FLYING SERVICE



NO minimum flight time required for solo

HOW!

You can Rent

Beechcraft Cessna American Piper

Bonanza F35	150	Yankee	Cherokee 140
Bonanza N35	172		Apache

**SPECIAL CLUB RATES
LOW PRICES**

\$25 initiation fee
\$10 per month dues

Flight Examiner on Staff for: Private
Commercial
Instrument
D-18 & PA-23 Multi-Engine

FROM the DUGOUT

by Scooter

Our Eagles had a rough time with Bethune Cookman last Friday and got whipped 7-4. Amazingly enough, we never got a hit in the whole game. Somehow or other, however, we did get a lot of walks,



EAGLE BOB DUDEN FANS.

passed balls, and Cookman throwing errors that resulted in a few runs. BCC on the other hand, got more runs than a little old lady in a prune juice factory.

Monday saw the boys wander out to the field minus a few dozen ball players. It seems Jim Gilbert and Bob Duden had run into each other during a softball game, Russ Batson threw his arm out, Steve Simonson's thumb turned green, and Bill Warster locked himself in a car.

Batting practice will be the main order of business this week but even this may be curtailed if anymore bats are broken. The 100 dollar equipment budget is down to 25 and equipment is at a premium.

There were some questions concerning the fact that only 15 uniformed ball players showed up for Friday's game. The answer??? There are only 15 uniforms.



JIM "HAYSEED" GORSIN
IN MID-DELIVERY

Another Bethune Cookman practice game at 3:30 today, gang, support your team. Also, would the fraternity historian and baseball coach that I insulted last week, contact my secretary before scheduling a fist fight. I already have two scheduled for this week.

BIKE WEEK

Five days of motorcycle racing, including short track, enduro and motocross as well as international road racing, highlighted the action of the 1971 Daytona Motorcycle Classics, March 10-14.

Over 1,200 riders will be entered in one or more of the events which comprise the biggest gathering of racers in the motorcycle world. There is something for every type of motorcycle enthusiast here during "Bike Week."

The action begins Wednesday, March 10, with the running of the AMA Amateur road race over the 3.81-mile road course at Daytona International Speedway. Wednesday evening marks the first of three nights of short track racing at nearby Memorial Stadium.

The Alligator Endurance Run starts at the Speedway Thursday morning, as the tempo of racing activities begins to build. While enduro riders are out cutting the woods and marshes, the road racers will be running qualifying heats over the road course.

The entire Motorcycle Classics Program will then be concluded Sunday, March 14, with the running of the Daytona 200 Road race. A prestigious win in the famed 200 is worth thousands of sales to the winning manufacturer.

BSA, Triumph, Yamaha, Kawaski and Harley-Davidson are among the factory teams entered in the event. Riders like Gene Romero, 1970 AMA national champion; Mike Hailwood, former world motorcycle champion; and Gary Nixon, Richard Mann, Kel Carruthers and Cal Rayborn are among the expected top contenders.

INTRAMURALS

SOFTBALL

We're already three weeks into the softball season. The standings as of today are:

	W	L
Bombers	2	0
Ball Busters	2	1
AVION	2	1
Sigma Phi	2	1
Alpha Eta Rho	1	1
Vets Assoc.	1	1
Indulgers	1	2
"D"Bags	1	2
Delta Chi	0	3

Sports

VOLLEYBALL

Last week was probably the most exciting week of the season. The Indulgers upset the Vets with a double header to win both games in the blistering sun. The Ballbusters came back after their loss the week before to beat Delta Chi by 7 runs. The AVION ran up against Sigma Phi only to be defeated and slide into a 3 way tie for second. This Sunday will break up some of the ties in the standings as: the AVION vs. the Vets at 9:00, Sigma Phi vs. Delta Chi at 10:00, Rho vs. "D"bags at 11:00, and to end the day with a real bang, the Bombers meet the Ballbusters. This game promises to be a real challenge to both teams. Good luck to all teams.

VOLLEYBALL STANDINGS:

	W	L
Persians	7	0
Ballbusters	4	3
Rho	3	3
Spikers	1	5
Tutti Fruities	1	5

TENNIS TEAM TOPPLES

The Riddle Eagles, our newly adopted tennis team under Coach Carl Brown, took to the courts this past week in a scheduled match against Seminole Junior College. The Eagles took it on the chin however as they lost every match. Seminole though, is considered by many to be one of the finest teams in the south. The Eagles never lost their spirit and this never give-up attitude pleased the coach who informed the Avion that there will be some victories before the young season gets old.

The Riddle team is composed of: Kurt Muller, Arthur Rubio, Ivan Lind, Bob Arcilla, Richard Johnson, and William McDaniel. This group hopes to produce some big wins for the blue and gold this season.

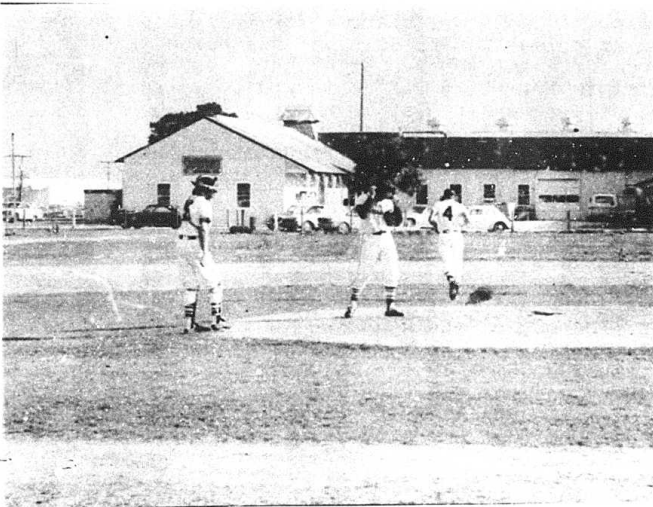
Jim C. Powell

SOCCER

All candidates for varsity soccer are invited to participate in Spring practice. Practice sessions will be from 4:30 to 6:00 PM on Wednesdays and Fridays and 11:00 AM Saturdays from February 24 - March 26. It is expected that there will be home and home scrimmage with Stetson at the conclusion of spring practice. Please be prompt as the practices will be short. Place of assembly: soccer field behind the baseball diamond. If you cannot make this schedule but still desire to play please submit your name to the soccer coach - extension 47.



BCC PLAYER ROUNDS 1ST AFTER HIT.



"OKAY, JIM, HAVE IT YOUR WAY; THE HAT IS TOO LARGE."



SIGMA PHI DELTA PERFORMS AN ANCIENT HINDU WARM-UP EXERCISE AFTER SUNDAY'S GAME.

PRE-REGISTRATION

Pre-registration for both summer terms will be conducted March 8 through 18. Pre-registration materials will be processed through the Registrar's in accordance with the following schedule:

March 8 - Students may pick up their pre-registration materials in the Registrar's Office. ALL necessary material will be available in the Registrar Office. No cards will be available from the student advisors.

March 9-10 - Reserved for seniors only. The Registrar's Office will not accept completed pre-registration material from any student during these two days.

March 11-12 - Reserved for Juniors and any Seniors who did not return their completed cards on March 9-10. Cards will not be accepted from Sophomores or Freshmen.

March 15-16 - Reserved for Sophomores, Maintenance Technology and any Juniors or Seniors who did not return their completed cards on March 9-12. Cards will not be accepted from Freshmen.

March 17-18 - Freshmen and others must return their completed pre-registration materials by 3:00 PM Thursday, March 18.

Please note that the Registrar's Office is open to the students from 9:00 AM to 3:00 PM Daily. We regret that the large volume of paper work which must be handled promptly each day makes it necessary to open late and close early. Please plan your pre-registration efforts to conform with the above schedule and office hours.

It is recommended that all students pick up their pre-registration materials on or as soon after March 8 as possible. Card packets will be processed on a "First come, first served" basis. Please don't wait until the last minute!



SGA MINI-MINUTES

RECORDED BY: J.A. RINKLE

EDITED BY: CHARLES HOOVER

February 23, 1971

A special meeting of the SGA Senate was held today in Room 108 with 35 Senate members attending. The meeting was called to order by Speaker of the Senate Charles Hoover at 12:15. The usual order of business was suspended so that an informal question and answer period could be held between President Hunt, Dean Mansfield, Dean Spears, and students attending the meeting.

Q: Who, besides SGA President Widak, is the student member of the Board of Trustees?

A: Terry Miner is still filling this position until President Widak considers all possibilities for his replacement.

Mr. Sullivan, representing the Dorm II Council, asked if ^{the} Dorm II lease will be renewed. President Hunt stated that the school has the option of renewing the lease or purchasing the dormitory; no decision has been made yet, and student opinion on this matter is welcomed, through the committee headed by Mr. Manson.

Mr. Sullivan pointed out the less-than-lovely condition of the furniture in the apartments and the grounds. Many apartments need painting, and the furniture, what there is of it, is delapidated. Such college necessities as bookshelves are totally absent. Also, students are charged for loss of or damage to items that were never in the apartments. Mr. Sullivan suggested that an inventory sheet be made up for each tenant to sign after an inventory inspection at the beginning of each trimester. Dorm residents would appreciate bus service to the library at 6 pm and a return run at 10 pm.

William Raymond inquired as to the current status of graduation plans. (See last week's minutes.) Mr. Raymond pointed out the possibilities of rain or extremely hot weather. Mr. Hunt replied that theatres would not hold the anticipated 2500 guests, and Mainland High's auditorium is not air-conditioned. While Memorial Stadium is still a possibility, the administration would like commencements to be held on campus as soon as possible, to everyone's benefit. (The Board of Trustees agreed to change the date provided it would be in the best interests of the students and the University. A poll taken among A & P seniors revealed 140 in favor of Peabody on the 20th and 10 in favor of the new complex on the 19th; a poll begun at the complex was never heard from again; and the response to the questionnaire in the AVION was poor.) Much bickering followed over how much notice was and wasn't given, including the revelation that certain segments of the SGA knew about the failure to secure Peabody way back in July. Discussion ended with Mr. Sullivan's pronouncement that the senior class was too lazy to worry about it until it was too late--a lesson underclassmen might profit from.

The Gill Robb Wilson ground-breaking ceremonies will take place soon. Bids will go out in 2 or 3 weeks, construction will start within 1½ to 2 months, and the structure should be completed within a year. The new dorm will probably be started 3 months after the GRW is started.

Q: Is there any truth to the rumor that ERAU vice presidents are going to get new cars?

A: The Board of Trustees permits the vice presidents to buy cars in the school's name; the cost is deducted from their regular salaries.

THE HOUSE: Net cost of the property and house recently purchased as a residence for the university president is \$164,000. Projections indicate that, by the time the mortgage is paid 7 years from now, the property will be worth between one-half and three-quarters of \$1,000,000. In essence, it is an endowment investment for the school.

Mike Levin: Is the school buying another Skymaster?
Mr. Hunt: Not that I know of.

Q: How soon will there be a Student Union and a library?

A: A letter indicating the ESTIMATED costs of the Student Union had to be submitted to the proper agency. Please do not take this estimate as the actual cost--we will not know the actual cost until all the facts are gathered. There will probably be a library complex within 5 years. It will probably be a decentralized library--flight material in the GRW, engineering, business, and academic in the complex, A & P technical material in the A & P center--

with a centralized office for cataloging.

Mike Levin: Dean Mansfield, if the Dress Code Committee ruled to permit students to wear sandals, why did you reverse the decision?

President Hunt: I overrode the recommendation on the basis that our "sand patch" campus results in dirty feet, which does the school's image, in the eyes of visitors from other colleges and the industry, no particular good. It is through many of these visitors that our graduates secure jobs.

A student stated that the quality of instruction at ERAU often leaves a lot to be desired and asked if ERAU hired instructors out of need or by qualification. Mr. Hunt stated that it wasn't out of need, since there are more applications than there are openings. The University conscientiously tries to do a good job in selecting personnel, but not every selection works out. At present, every instructor is required to video-tape one class per trimester and then view the tape as a means of self-evaluation. There is also the students' evaluation of instructors. If a student feels he is not getting the education he is paying for, he may take action through the SGA, participate meaningfully in the evaluation forms that are handed out, and/or contact the Dean of Academics or the Dean of Students with specifics. Mr. Cothran called the student evaluation sheets a lot of bunk--the way the questions are worded, the instructor comes out with a wonderful profile, even though in actual practice, he's still a rotten instructor. Mrs. Van Voorhees stated that the evaluation forms are still being revised and would appreciate students' suggestions.

Jim Frye asked if there are any plans for getting more modern multi-engine aircraft for multi-engine training. Mr. Hunt replied that the multi-engines program is currently being evaluated and may be de-emphasized in favor of a more concentrated CFI course, for instance. There are no immediate plans for replacing the D-18's. Studies reveal more than sufficient instrumented equipment, provided it is properly used. Dean Davis is in charge of the committee dealing with this.

Bob Duden inquired as to the athletic department's budget, which seems very small for the basketball and baseball teams, compared to the fully-equipped, traveling soccer team. Mr. Hunt replied that up until recently, soccer was the only established sport that drew any interest. New budgets will accommodate the more recently formed teams.

Q: Will any new link simulators be purchased before the GRW is built?
A: No. There is a link simulator room laid out in the GRW plans and money allocated for trainers. The GAT-1's are portable, but they are not necessarily a panacea for all simulator situations. We should have a jet simulator, for instance, to teach the electronic navigation.

An A & P student expressed the opinion that the A & P department is left out of things. Much money is being appropriated for the GRW, the library, etc., but the jet lab doesn't even have heat in the winter.

Mr. Hunt stated that originally the A & P section was scheduled to move to the new complex ahead of the other departments, but the necessary funding could not be obtained. Temporary buildings could be put up, but they would not fit in with the overall design of the new complex. However, more portable A & P equipment is in the budget. The administration has a sincere interest in A & P, and as soon as they can find a way to move it to the new complex, they will.

Mike Levin: Instead of appropriating all this money for chemistry and physics labs, which take up only a few trimesters of the engineering students' curriculum, why don't you build a decent wind tunnel, which is vital to the curriculum?

Mr. Hunt: We built the equipment with student involvement and put the building where it is because we did not have the funds allocated for one that would fit in with the new complex.

Mike Levin: Students are learning nothing about testing airfoils--only how to run up an old Dodge engine and glue things together.

Louis Arroyo: What ever happened to the Flight Engineer program I saw advertised in the catalog?

Mr. Hunt: It has finally been developed and sent to the FAA for approval. It will be a written program.

The meeting was adjourned at 1:20.



EAGLES

It's getting warmer and divers are finally coming out of their winter hibernation. Members of the Diving Eagles were at Blue Springs, Alexander Springs and Croaker Hole this past weekend, and except for two incidents, all had a good time. One diver accidentally let his underwater light get away from him and although he swam more than a mile downstream, he was unable to find the light. The other diver lost his wetsuit jacket while drying it at Alexander. It seems he was engrossed in the scenery while the jacket grew legs and walked off.

This Sunday, three members of the Diving Eagles will be joining the Daytona Beach Skin Divers for a trip offshore St. Augustine. This is the first time divers from either club have been to this spot and the spearfishing is supposed to be the greatest. All we know about this spot is that it is a hole in the continental shelf, 600 feet deep, and teeming with fish.

On March 13th the Diving Eagles leave for a two day weekend in the North Bahamas. Although this trip was arranged by the Daytona Beach Skin Divers our club is providing the majority of the divers. There are still two openings on the trip so if you wish to go, get your money

to Ralph Wicklund as soon as possible. The cost of the trip is \$40.00.

All divers are invited to join the SCUBA class this coming Tuesday evening at 8:00 for a lecture on decompression. A new table for diving at altitudes other than sea level and for flying after diving will be introduced. This lecture should interest the flyers in the club. Anyone else concerned or interested in de-

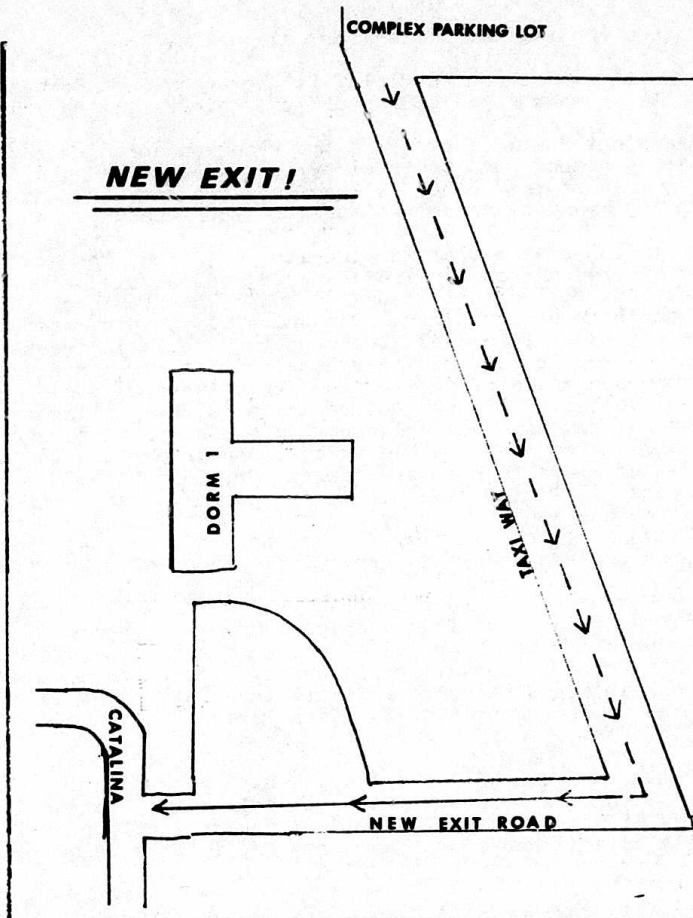
compression is invited to attend this lecture.

Open swimming is still offered at the YMCA by the Diving Eagles. ANYONE, not just members of the diving club, is invited to come to the pool and swim. The cost is a modest 50 cents for the hour. The pool opens promptly at 8:00pm. Hot showers are available.

S.G.A. MEETING TODAY

ISSUE - GRADUATION

12:00 NOON, ROOM 108



HONDA CITY

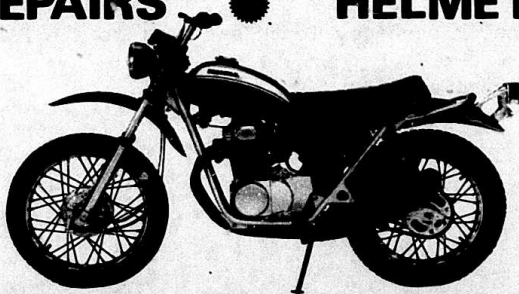
FOR THE PERSON WHO WANTS THE BEST DEAL AND FINEST SERVICE IN TOWN

open
9 till 5:30

**PARTS • ACCESSORIES
REPAIRS • HELMETS**

call
255-6441

**HONDA
PENTON**



**HUSQVARNA
SUZUKI**

825 Ballough Road Daytona Beach

EXCESS EDUCATION

The following article, "Excess Education Harms Life, Staff Viewpoints," written by Lynn Bogigian, has been reprinted from THE SUBURBAN NEWSPAPER, of the Western suburbs, Chicago.

Anything in excess can be harmful and while most of us think of this in reference to food, drink or physical activity, it can also apply to education in the U.S.

As early as four years after their birth, children are placed on the seemingly never ending educational merry-go-round. Preschool or nursery school, kindergarten, grade school and high school are attended by most, and college and graduate schools are pursued by many.

Nearly 20 years of pressure to achieve an academic standing high enough to progress to the next level of higher education can certainly be an upsetting and harmful experience for many.

WHAT DISTURBS me is not the wish of some students to further their education as much as they can, but that many young people are unwillingly pushed into the educational cycle.

Surveys have shown that an emphasis is placed on education so adolescents may maintain their social position or move up socially.

Often this is basically to please parents who without question expect their children to complete college and perhaps seek an education higher than that. College educated youngsters have become status symbols just like big houses and cars.

The job situation is another one which can push uninterested students into college. The number of jobs with degree requirements have increased in recent years.

Thus, students wishing to seek employment following high school, often hesitate, fearing lack of a degree will automatically disqualify them for any position.

Students themselves are sometimes to blame for being in an unwanted predicament. Few will take a stand against pressure from parents and potential

employers. Instead they push themselves into years of continued study which they do not really desire.

OTHERS use college as an excuse to put off assuming the responsibility of a job and self support.

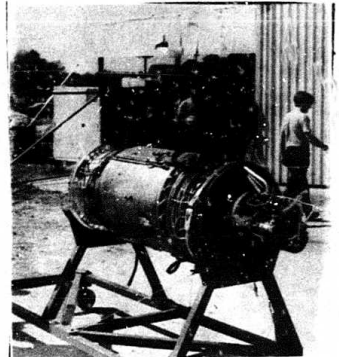
Dr. Bruno Bettelheim, Professor of Psychiatry and Psychology at the University of Chicago, put it well when he said, "To postpone doing the real things in life for so long has been possible in the history of man only for a very small minority. For the vast majority, it simply doesn't work."

To help remedy this situation, employers should re-evaluate their jobs, taking into consideration, qualifications other than degrees acquired. Although a degree is a means of measuring an employee's capabilities, so should be other factors including experience and natural talents.

Parents should encourage their children to con-

sider entering jobs as well as college. A student should not be made to feel ashamed of not entering college.

Perhaps if more youths were familiar with the "School of Hard Knocks", we would not have so many unhappy college students rebelling, tripping out, committing suicide and generally disrupting their lives.



SKYSHARK POWERPLANT,
THE FAIRCHILD J44.

HANG "TEN" IN THE WIND WITH A WINDSURFER



AVAILABLE AT:
THE POSTGRADUATE SHOP
111 E. PINE
DOWNTOWN ORLANDO
PHONE 305-394-2435

HOURS:
WEEKDAYS 4 p.m. to 9 p.m.
WEEKENDS 9 a.m. to 5 p.m.

A SURFBOARD WITH A SAIL



SALE

HIS & HER
MOD CLOTHES

20% OFF

711 MAIN ST.
DAYTONA BEACH, FLA.
253-9177



CIVILISATION SERIES SCHEDULED

Civilisation, a special project of the National Gallery of Art and Time-life films will be shown each Tuesday, beginning March 9, in the Humanities Auditorium at Daytona Beach Junior College. The film will be shown at 11:00 a.m. and repeated at 6:00 p.m. free of charge, through the combined efforts of Embry-Riddle Aeronautical University, the Museum of Arts and Sciences, and Beaux Arts and the Lyceum Committee of Daytona Beach Junior College.

The first film is entitled, "The Frozen World" and is set in the dark ages.

Subsequent Tuesdays, Civilisation will feature "The Great Thaw," "Romance and Reality," "Man - the Measure of All Things," "The Hero as Artist," "Protest and Communication," "Grandeur and Obedience," "The Right of Experience," "The Pursuit of Happiness," "The Worship of Nature," "The Fallacies of Hope" and "Heroic Materialism."

A free listing of dates and titles is available by writing Civilisation, DBJC, P.O. Box 111, Daytona Beach, Florida 32015.

Civilisation
Tuesdays 11:00a.m.
and
6:00p.m., Hum. Aud.

Date	Title
3-09	The Frozen World
3-16	The Great Thaw
3-23	Romance and Reality
3-30	Man - the Measure of all Things
4-06	The Hero as Artist
4-13	Protest and Communication
4-20	Grandeur and Obedience
4-27	The Right of Experience
5-04	The Pursuit of Happiness
5-11	The Smile of Reason
5-18	The Worship of Nature
5-25	The Fallacies of Hope
6-01	Heroic Materialism

EMPLOYMENT OPPORTUNITIES

QUALIFIED PILOT needed for 414 Cessna - 2500 hours multi-engine time required

AIRFRAME AND POWERPLANT MECHANICS needed in Pennsylvania - please stop by the Placement Office for applications.

PARKING--dbjc

A complaint has been received from an official of Daytona Beach Junior College that our students are violating their park-regulations.

Those students who desire to use DBJC facilities, such as the Library, should visit Room 109, Collins Hall (in front of the flagpole) to secure a Visitor's Card. This card will permit parking in those areas not having a painted curb.

Visitor's Cards may be obtained at the following hours: 0800-1130 (1:00p.m.-4:00p.m.)

PREGNANT?

NEED HELP?

YOUR QUESTIONS ON
ABORTIONCAN ONLY BE FULLY
ANSWERED BY
PROFESSIONALS
CALL

(305) 754-5471

24 HOURS 7 DAYS

TOTALLY CONFIDENTIAL
WOMEN'S MEDICAL ASSOC.
OF FLORIDA

*DISCOUNT PRICES TO E-RAU STUDENTS

*MACHINE SHOP SERVICE

*BALANCING

*BLUEPRINTING

-and-

*Make Your Car a Screamer*

ONE OF DAYTONA'S MOST COMPLETE INVENTORIES OF:

DOMESTIC & FOREIGN AUTO PARTS

REPLACEMENT PARTS

HI PERFORMANCE PARTS

VOLUSIA AUTO PARTS & MACHINE SHOP

841 VOLUSIA AVE.

252-9642

SQUIRE'S Semi-Annual SALE!**SAVE 25% to 50%****Perma-Press Dress Shirts****...by Arrow & Hathaway**

- perma-press slacks • knit shirts
- jackets • sweaters • all-weather coats
- Every Item From Our Regular Stock

Open Friday till 9:00 P.M.

Squires
MEN'S WEAR
124 North Beach Street

WHAT TYPE OF MAN READS THE AVION?



The opinions expressed in this paper are not necessarily those of the University or all members of the Student Body, nor do letters appearing in the AVION necessarily reflect the opinion of this newspaper.

Advisor.....Roger Campbell

Editor.....Dave McCall

Co-Editor.....John Collins

Business Mgr.Dixie Francis

Lay Out.....Mike Saunders

Ed Monoski

Photography:

George Mittelsdorf

John Collins

Sports.....Dave McCall

Typists....Ann Marie Pires

Nancy Coates

Circulation....Tony Colgan

George Francis

The AVION is a weekly publication for Embry Riddle students financed by the student's activity fee through the Student Government Association.

Articles may be submitted to the AVION for publication by the Administration, the faculty and student body. The AVION deadline is every Monday. Please mark all items AVION and deposit in the basket in the trailer, the Suggestion Boxes, or ERAU Box 1568.

Reporters and Contributors

Ralph Wicklund, Mike Levin
Cam McQuaid, Terry Miner,
Mike Wise, Gary Anderson,
Mike Winters, Steve Atha,
Bob Duden, Stan Widak, and
Curtis J. Poree Jr.

Softball Photos.....

Gary Widger

