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The Varieze

By Daniel Karger AVION Staff Reporter



Bill C ok's VARIEZE is shown parked with its nose gear folded in his driveway. This fiber ass and foam aircraft is under construction, with completion not 2m off, at which time it will take its rightful place at the airport. (Hotolo by Rutherford)

Media Center tonight!

On April 6 and 7 in the Common Purpose Room, there will be a Book Sale sponsored

by the Media Center for National Library Week. Some special bargains are available including a 1974 Encyclopedia Americana. Proceeds from the sales

will return to the general fund for book purchase. Come by and get some help with you papers. We will be there to serve you!

Keep your eyes open! If you happen to see a surrealistic-looking airplane flash by you in the practice area you'll know you're not imagining things, just seeing one of the few fiberglass airplanes and one of the few pilots who can say he

planes and one of the few pilots who can say he built his ruachine.

While some people watch TV in their spare time, Bill Cook, who lives only three blocks from E-RAU, builds sirplanes in his spare time. He is a private pilot with over 300 hours in light singles. Being frustrated by high flying costs and the inability of Jim Bede to ship all the BD-5 kit, Bill turned his attention to a different type of aircraft, the Varieze. This airplane was designed by Bert Rutan, an airplane buff and designer out in California. He sells the full plans for the step by step building process of the Varieze for S140.00. The estimated finished cost is \$5,500.00.

Bill had a choice between a 200 hp engine

finished cost is \$5,500.00.
Bill had a choice between a 200 hp engine
and an 85 hp. engine. He decided to use the
Continental 85 hp., 4-cylinder, air - cooled,
normally aspirated engine which gives a gross
weight of 1,000 lbs., for a few reasons. First of
all he says that for the additional 50 lbs. of
gross weight using the 200 hp engine, the gas
consumption rises considerably. Plus, the 200
hp. engine does not use a starter motor while
the 85 hp. does. And handpropping is not a
favorite pastime of Bill's. Continued on page 8 Continued on page 8

Administrators Appointed To Prescott



HUGH B. MANSON

PRESCOTT, AZ. - Embry-Riddle Aeronautical University Riddle Aeronautical University today announced two impor-tant appointments for adminis-tration of its new college pre-paratory program at Prescott. E-RAU's Executive Vice President, Hugh B. Manson, has

President, Hugh B. Manson, has been selected to coordinate all aspects of the Embry-Riddle program at the Prescott site, from May 1 until September, 1978. Manson, who joined the Daytona Beach, Fla. based university in 1970, will oversee all administrative plans and requirements for E-RAU's Weetern campus. Before joining Embry-Riddle, Manson, as a U.S. Air Force Major General, U.S. Air Force Major General. U.S. Air Force Major General, was the Commanding General of the Air Force Flight Test Center at Edwards Air Force Base in California. He will take up residence at Prescott about

May 1.
Richard L. Eakley has been named as E-RAU's Business Administrator for Embry-Riddle West. Eakley will organize the Prescutt administrative policies and procedures, hire personnel and oversee preparation of the campus facilities for the September, 1978 opening.

Before this appointment, Eak-ley was Technical Director of Embry-Riddle's Wallace Re-search Center. The Center is

search Center. The Center is dedicated to aviation technical research and development. The above the two professional education programs when it begins operations at the Western campus this September. One is a very exclusive college preparatory program for 200 boarding students in the 10th, 11th, and 12th grade age groun. That dents in the 10th, 11th, and 12th grade age group. That program will implement E-RAU's skills and experience to help young people get the basic educational training needed for successful college careers. ed for successful college careers.
It will feature a unique reward
system utilizing aviation as an
educational motivator to build
student self esteem and sense
of self worth. All students will
be challenged around-the-clock
to sent the right to second self to earn the right to special ad-

vancements.

E-RAU will also offer its world famous college level Aeronautical Science degree program to some 210 entering Freshmen.



RICHARD L. EAKLEY Business Administrator Embry-Riddle West

MEDIA CENTER By David Mann We are now in the middle of our Term Faper Assistance program in the Media Center. Each evening from 7-9 p.m. a Librarian is on duty to help with paper research and bibliography. Take advantage of these extra services in the

On March 21st between 1600 and 1700 there will be a mandatory meeting in the Common Purpose Room for graduating seniors. Free beer and pretzels will be served, and and pretzels will be served, and there will be an opportunity to view the list of the people the school thinks are gradual-ing. Come see if you are going to get 3 diploma at the end of this trimester! Also, this will be the only time to order your invitations for the graduation ceremony. ceremony.

There will be discus

this meeting about the class gift to the school, and the arrangements that are under consideration for the graduation ceremony. Representatives from the school administration will be on hand to clear un any questions that you might have.

Bill Collins

'Flying Saucers Are Real'

"Flying Saucers Are Real" was the title of an illustrated lecture presented here March

The speeker, Stanton T. Friedman, a nuclear physicist and UFO researcher gave an enlightening and revealing talk. The lecture covered five large scale scientific studies including a few reasons of the greenelly not Air Force data generally not discussed, UFC landings, "crit-

ter" reports, travel to the stars, and false arguments of oducated nonbelievers.

About 40 slides of UFOs from all over the World and data pertaining there to were shown during his presentation. An interesting and provocative question and answer period followed

The lecture was sponsored by the E-RAU Student Activities Office.

RING FESTIVAL

The SGA Spring Ring Festi-The SGA Spring Ring Festival will be extended until March 31. Special prices are offered on all Ultrium rings, a discount of \$10.00 off. In addition, script engraving is being offered at no charge as well as sunburst stones, simulated diamonds, and earth-stones.

stones.

College rings are sold in the SGA office every day between 9-5, so stop in and place your order. There is no deposit required on any ripped out C.O.D. approximately 5-9 weeks after placing your order.

FRIDAY MARCH 17, 1978

OPENS 4:00 PM

AT EMBRY-RIDDLE AERONAUTICAL UNIVERSITY

DAYTONA BEACH' FLORIDA

MICE WILL BE AVAILABLE AT THE RACE.

FOR MORE INFORMATION, CONTACT WERU-RADIO

PHONE NO. - 252-4032

SPORT'S

Eagles Baseball



Florida Institute of Technology at Melbourne. Steve O'Sullivan threw a strong game in the first contest, but came out on the short end of a 201 score. The ione run was scored by first year starter Spyder Dykes, who throughout the eight games was the Eagles most consistent, heads-up, and most dependable man on the field. The second game was not as close as FIT routed the Eagles 13-4. Though good points are hard to find in such a game, late inning replacements such as Daryle Brewin, Bill Malthaner, Ken Holgard, and reliever Jeff Ryan did a fine job and held the Engineers to one run in the last three innings.

Friday afternoon found the squad travelling to a rain-soaked St. Petersburg to play a Saturday double header in

pecially considering the ex-treme cold) in beating St. treme cold) in beating St. Pete 7-5. The varsity squad broke out of a hitting slump in the fifth, scoring six runs with Kevin Cavanaugh. Jeff Dougherty, and Ken Holgard getting the RBI's. Man of the about the coldest weather we've seen. After losing the first game, lefty Steve O'Sullivan once again came through with

week. Spyder Dykes, scored two runs in this game and stole twice to aid in the win. St. Pete threatened with three runs in the sixth inning, but were put down quickly by O'Sullivan in the seventh, who fanned nine batters overall.

THE RIDDLER

The first person to bring the correct answer to this week trivia question to the AVION Office will be the winner of a haircut, compliments of THE HANGAR Hair Stylists in the University Cen-THIS WEEK'S QUESTION:

What is television's longest ontinuous running series?"



PINIONS

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 IT'S 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.

etters the editor



Two things happened today which I feel must be brought to the attention of the student body. They both center around that old problem "student apathy."

The first, occurred during the Activities and Communications

ane inst, occurred using the activities and Communications Board (ACB) meeting. Today's raceting was called to put forth the proposed summer budget for spending the \$11 each student pays as \$GA fee. It seems that Jimmy Hilburger as chairman of the Social Functions Division has a problem; there seems to be no social runctions Livision has a problem; there seems to be no way for Social Functions to earn monze, for improved equipment. Now I'm sure that if the students of this university wanted to come up with some ideas, they would bave no problem. The alternative, of course, is to have admission charged at the door, and that is on top of paying your \$11 per trimester. So, stop and think about it for a moment. Do you want to have to pay admission? If not, then get on down to the Student Activities Office, and let Jimmy in on your good ideas.

If not, then get on down to the Student Activities Office, and let Jimmy in on your good ideas.

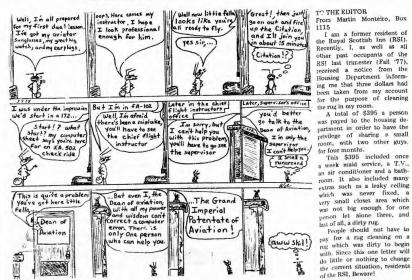
The second event, or non-event, should I say, occurred during the AVION staff meeting. I asked for a count of the number of staff members who would be staying during the summer. The count was discouraging to say the least. I'm graduating in April, an just about everyone else seems to be reaving for the summer. Which means that without a staff, there is no "AVION." Are you going to be here during the summer? Do you care if there is going to be a paper? If you do, do you care enough to give the paper an hour or two per week? The AVION staff needs writers, layout staff, and a new business manager. So having thought about the problems of Social Functions, now consider the problem of the newsoager. I won't be here (which will be a blessing, I know), newspaper. I won't be here (which will be a blessing, I know), but without your help, you won't have a newspaper.

Ray D. Lats

Klyde Morris

1 1/1 2

wer olerzewski



Dear Editor

Dear Editor
"Embry-Ripoff does it Again"
You may not realize this
fact, but I was a resident at the
Royal Scottish Inn last Tri. I
have a few opinions I would
like to express

First of all how can anyone rge someone \$395 per tri a room the size of King 's Auxiliary bathroom, with three people inside. This means that they are charping nearly \$400 a month per room! Right now i am living with some fellow Riddle students, off-campus in a three bedroom, 2b ahthroom house, and we are each paying \$77 per month for utilities. This comes out to just over what we were paying at the Royal Bathroom. To top this off Humpty Diddle had the gall to charge each occupant of the RSI \$3 for carpic !leaning. When we are three people inside. This means

rived at the infamous RSI, we had enough sand in our rug for it to be classified as a drive on beach! I could go on and on and probably will, so bear with me please. Now we have the case of the toilet. For the first two months we had a layer of water on our bathroom floor from our leaky

We requested repairs about 10 times before we got a response, and all we heard then was "Well, now we have to order the parts!" Incidentially about one month before we left, and after my feet had been successfully water logged, the toilet was repaired. We also had water dripping. We also had water dripping down from the bathroom lightdown from the bathroom light-ing fixture as well, and this was doing nothing but adding to the flooding problem. We asked for help on this matter

also, and on about the 10th

also, and on about the 10th try we finally got some help. We were informed that this leak was caused by quote "Condensation". Well this sounded good at first seeing that it was quite humid at the sounded good at first seeing that it was quite humid at the time. However, two months later and on the sixth time they came to check it, they were still calling it "Condensation." At this point I felt as though they all had "advanced condensation of the brain." Next thing you know they'd be telling us our television didn't work because the cathode ray tube had been "condensated" on. Incidentally our TV didn't work until about three weeks before we left! I could go on and on, but at this point I have only one thing to say, "I want my three dollars back.

D.J.M.

LETTER TO THE EDITOR

In regard to last week's letter concerning the renewal of Gordon Beville's teaching contract with AMT. There are contract with AMT. There are many students of AMT who seem to find it terribly presumptuous of this gentleman to have signed his letter "The rtudents of ERAU AMT division." If he lacked the desire to a startibute, it to himself, he could of at least just asked that his name be withheld, it is obvious that this student has not even taken the time to research his comments. There is absolutely no basis

to research his comments. There is absolutely no basis for the acctuations he has directed toward Mr. Olson, the chairman of AMT. I have personally, on numerous occasions, been asked to speak to Mr. Olson about Mr. Beville's teaching abilities. As class propentially of section one properties of section one representative of section one of basic powerplant in the Fall trimester, I can say, without a doubt that I have never heard Mr. Olson express any feelings of personal dislike toward Gordon Bevill. In truth, when solve heards a present the section of the section he has only expressed a sincere interest in assisting him towards improvement, so that he could continue as an AMT teacher. While it is a known fact

that Mr. Beville is probably one of the most qualified and able mechanics in the entire AMT program, he does not seem to be able to transfer this knowledge in a classroom environment. Undoubtedly, the fact that he has been shifted to teaching a different subject every trimester without ade-quate time to prepare his class presentation has handiclass presentation has namu-capped him greatly in this respect. Evidently, this aspect needs to be considered not only in his case, but through-out the AMT program. It seems that there is a type

of low level student in this that has determined that any teacher who will pass them whether they have learned anywhether they have learned any-thing or not is highly qualified. I am sure that the AMT divi-sion does not hold control-ling interest in this problem. The student/teacher evaluation The student/teacher evaluation forms have become a meaning-less exercise, in that these teachers gain high student opinions, and those that require one to gain knowledge are condemned as "too stringent."

I can assure you, as a student and former AMT class representative, that if there are

students who can present infored, documented evidence to the
benefit of Mr. Beville, Mr.
Olson would very much like to
hear from you. I do not have
any personal desire to see
any teacher terminated, if he
is in fact kilfilling his role
satisfactoril; but I do not
like to see unfounded indictments made on any person's
character.

Bob Olson is, in my opinion, a very capable administrator, and has done an exceptional and has done an exceptional job in reorganizing and controlling the AMT division. Mr. Olson has stated and demonstrated to this student, on numerous occasions, his desire and willingness to receive input from the students. If you have an unresolved problem with your classes, and all you can do is complain to your fellow students about how it keeps going on, you have no keeps going on, you have no one to blame but yourself!
There are, no doubt, many problems and bugs yet to be worked out in the program, but they will never be solved through mindless, misinformed rhetoric

David Walen, Box 5362 (AMT) ST. No.262840812

the avion staff

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PHOTOGRAPHERS

COPY READER SECRETARY

Jean Snyder VOLUME 28, ISSUE 8 MARCH 15, 1978

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

Continued from page 2

LETTER TO THE EDITOR

Dear Ray,
As you know, I'm an avid reader of the AVION, and follow the articles in every issue. Some of them are commendable. However, it has been disparaging to see so many complaints voiced in the paper, including your own editorials. It seems that we all have lost sight of one frequently over-looked factor. Allow me to

when one thinks back on his years he remembers the "good old days." These memor-ies are filled with "good times." Years after we're graduated, we'ji think back on the college years and reminisce about the "great years." (Ever meet some-one who hated going to a college of his choice?). Well, today IS one of those "great days" we'll think about in the future.

We'll remember the school paper, the movies, concerts, club activities, Mouse Races, Riddle Regattas, Goodyear Blimps, friends, the beach. . . I could take up the rest of your newspaper talking about the good, fair, and positive things that go on around us every single day!

This doesn't mean that we should all look at the world through rose-colored glasses, simply that we should be more aware of the positive side of living.

Just try it - think positive-ly - and I'm sure you'll find more smiles around the cam-

FEEDBACK

SUGGESTION:

In regard to the traffic bumps in the parking lot, I have a Chevy Nova, and whenever I drive over some of the bumps, the high ones, I notice bumps, the mgn ones, I rotate as the front wheels go over the bumps, that the bumps hit the bottom of the frame of the car. I'm afreid that this may damage the frame. I can't imagine what it is doing to the smaller foreign cars that are lower to the ground.

I suggest that the bumps be either tapered off closer to the pavement or removed completely.

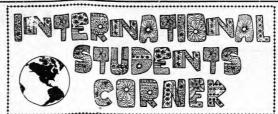
(From A.J. Agett, Associate Dean of Students) Dear Cnevy Nova Driver: I was surprised to he

Dear Chevy Nova Driver:

I was surprised to hear that
you are experiencing such problems with the traffic bumps
in the parking lots. I would
appreciate if you would call
extension 316 in order for myself and the Director of Security to meet with you in order for you to demonstrate for us the problems that you

are encountering.

Thank you for expressing



A Minute On Nigeria

By Boma Richard Koko

Nigeria is a former British colony. In 1960, she gained independence and in 1963 be-came a Federal republic. Nigeria is the most heavily populated African nation

populated African nation about 70 million. She is situa ed on the west coast. The great river, Niger, enters Nigeria from the west, crosses diagon-ally to the center and then flows straight down, emptying itself into the Atlantic through a delta. This delta region is the one now called Rivers

At Lokoja - the site for the new capital territory and the point from which it dips straight to the ocean -, the Niger has a tributary, which comes diagonally downwards from the eastern border. These two rivers form an open "Y" shape. There are many more, smaller rivers.

country experiences najor seasons "Hamattan" two major seasons "Hamattan" and "Raining season". The wes-terly winds - canary currents bring rain from the ocean dur-ing the months of April-August/ October and the North-wester ly-trade-winds bring the dry, dusty wind of Hamattan from the Sahara desert during the months of November-March. The Hamattan in the north is severe. Temperatures range 80 degrees Farenheit during the day. The wind is fast, dry, and dusty. During this season one gets a lot of nasal congestion and broken skin all over. It is a weird season; the herds men burn the dry grass, and some have to walk 200 miles headed for the banks of the great Niger for fresh pastures. With the early rains, come sprouts of new grass from the

stubble of the dead, and the herdsmen head for home to the fresh, sweet gmss good for the cattle. These men are so devot-ed to their customs, they know each cow by name and are not able to eat beef. In the south, the farmers replace the berdsmen, the rain rules, like the Hamattan does in the north. You are now in the tropical rain forest. Trees reach up to 150 feet and above, the kind of animals you find are differ-ent from those you expect to see in the savannah grass lands of the north. The north traditionally supplies meat, rice, peanuts and onions; the south supplies yams, cocoa (beverag-es), fruits and vegetables. From the Rivers State and Bendelformer mid-west, comes the oil wealth. The rivers people fishermen mainly of the tribe. With this set-up,

country should be at peace and in unity. God has been very benevolent to her.

On the 27th of May, 1967, On the 27th of May, 1967, the country was split into 12 states. later, May 30, 1969, Col Chukewmeka Odumegwu Ojukwu military governnor of the former eastern region declared he had suceded

Biafra, an independent state with a flag of her own, was created from the former eastern

The war was started, and the ne war was started, and the war was ended. The war to keep Nigeria one. For thirty long months Nigeria was plunged into e war, a war in which she was to lose many of her intellectuals. ectuals, fine soldiers, and sons. A war credited with more deaths than all of the American civil war, because of the use of modern weaponry. The economy of the nation was going into ruins, but Nigeria was a fortunate nation

In 1970, with the war over, the slogans were now, "Recon-ciliation and Rehabiliation", replacing the war time slogans - to keep Nigeria one is a task that must be done. She was the tenth largest producer of crude oil, and oil was the thing of the day. Her economy survived, and today she is prosperous. A member of "OPEC", she has also risen in the ranks from tenth. placing the war time slogans - to

Today Nigeria is ruled by a democratic military govern-ment, headed by Lt. General Olusegun Obasanjo. Nigeria sits back to enjoy what is hopefully a lasting peac lot of sacrifice. ce brought by

A Spare

Summer Mountain Journeys

Saratoga Springs, N.Y. — You stand braced against the granite edge of the mountain top, hung perilously between heaven and earth. The wind ripples through your clothing, and far below the tree tops sway. A heady mixture of fear and exhiberation tingles through

your body.
You lean into the ropes, You lean into the ropes, and, moving your feet cautiously over the rock, back off the cliff edge into the sky. In a moment you find yourself facing the sheer rock of the cliff, and with a rush of elation, you had not be the control of the cliff. plide down the ropes earth-

This is one of the many ex-periences provided by the Adi-rondack Institute in their summer mountain journeys. Located at Skidmore College in Saratoga Springs, New York the Institute uses the Colorado Rockies, the Adirondack mountains, and the wilds of northern Ontario as departure points from the conventional in education by offering three-credit hour literature courses where il instruction takes place out-

Participants complete their reading on their own before gathering at the field sites for ten days of field instruction— which in the mountain courses includes rock climbing, rappel-

includes rock combing, rappeling, and river fording.

The program has been so successful over the past five years that it has attracted students from over 100 colleges in 25 states. The credit earned in the legislate sources is result. the Institute courses is usually

transferable back to the stu-dent's home institution.

Professor Jonathan Fair-banks, creator and director of the Adirondack Institue, explains that "the program is in-tended to be a variation on the traditional academic courses, and is meant to supplement, not replace them."

What is different about the Institute's summer courses? "Most literature courses taught

in the classroom are essentially an intellectual exercise," Fair-banks explains. "This program takes literature and tests it against experience."

With excitement he recalls With excitement he recalls last summer hearing a pack of coyotes yelping along a mountain ridge directly above the group's camp. All of the students were spellbound as they lay in their sleeping bags listening to the wild sounds of coyotes running in the monthelit. moonlight.

A former Outward Bound instructor in Colorado and in England, Fairbanks' wilderness experience ranges from climbing in the New Zecland Alps to canoeing white water in the United States and Canada He began his university teaching career in New Zealand and taught English for seven years at the State University of New York before dack Institute at Skid-

The Adirondack course in-The Adrondack course in-clu fes writings by Henningway, Yaulkner, London, and Frost, while titles such as "Tough Trip Through Paradise," "The Big Sky," and "The Coman-ches" sprinkle the Colorado reading list. The Canadian reading list. The Canadana course emphasizes exploration

The groups are co-ed and comprised of 12 students and two instructors. Dr. Anne LaBastille, noted Adirondack guide and author of "Woods-woman," is among the instructors who assist Fairbanks in the

The program is open to all undergraduates and other in-terested adults, and welcomes non-credit applicants as well as those seeking credit. Further information can be obtained by writing Adirondack Insuran, Dana Hall, Skidmere College, Saratoga Springs, New York



BRACING AGAINST THE GRANITE EDGE OF A MOUNTAIN OP - A heady mixture of fear and exhileration. (Photo by chard Linke).



An Evening with Irv Weiner Presenting

"The Mr. Fingers Show"

The nationally known sleight-of-hand artist, Irv Weiner, "Mr.

The nationally known steight-of-nation drives, for Weiner, sin-Fingers", will perform in the U.C. of the Embry-Riddle Campus on Saturday, March 18 at 8:00 p.m.
Weeks before his upcoming appearance, Weiner mailed a seal-ed package to Jimmy Hilburger, Social Functions Chairperson of the S.G.A. This was place unopened in a safe until showtime on the 18th. In the package are predictions of events which will "blow your minds!".

on the 18th. In the package are predictions of events which will "blow your minds!".

Aside from this test of ESP, Weiner will also demonstrate hand stunts, finger bits, card tricks, rope crafts, and voodoo.

The one-rishow, which is currently touring throughout the nation at colleges and universities, brings back the skills of the past greats of old vaudeville. Weiner who graduated and then taught at Chavez College in Los Angeles, (the only accredited sleight-of-hand college in the world) is a recognized master of the art.

the art.

Weiner has been a speaker and entertainer to clubs, industrial groups, and schools for a number of years. Last year, he developed the present one-man show aimed at the college audience.

"The students have never seen this style performer," he says. "I have probed back into the most unique acts of early vaudeville: Houdini, Thurston, Malini and Cardini, all great, sleight-of-hand and showmen. In my own way I try to bring the students back to that time and they all seem to love it."

In addition to entertaining college students, Weiner has been In addition to entertaining college students, wenier has been a columnist for two publications of magic and has participated in a magic symposium sponsored by the Department of Theatre and Stage Arts at Syracuse University.

Weiner also has devoted time to entertaining hospital patients in the New England states, and was named "man of the Year" by the Boston Assembly of the Society of American Magicans in

Don't miss the AMAZING MR. FINGERS at the E-RAU U.C. on Saturday, March 18 at 8:00 p.m.



FRATERNITY CORNER



By Paul III

Why do the weekends have to end? This past Saturday, the brothers and sisters of Delta Chi in conjunction with the ople from Sigma Phi Delta I WERU got together for afternoon at Ponce Inlet. an afternoon at Ponce Iniet. Standard procedures for the food, drink, sun and a rather loose interpreta-tion of the fame of football.

SIGMA

this past weekend

others of Sig

With little on the social

ma Chi were taking a reprieve from any major social func-tion. Being that the Birthday

Party was the previous week-end it was timely. However, our pledge class came through on Friday night with a unique

and very worthwhile activity. They took us all bowling at

Halifax Lanes. Being a fund-raising activity they charged us a fee, but it was well worth it. Many of us there had not

bowled for many years, and for some it was the first time. Besides a lot of gutter balls and missed spares, we all had a lot of laughs. It was one of

those nights where a good time

is unexpected and spontaneous and always long rememb.red. It is amazing how Sigma Chi's have that ability. The winning

calendar

it seems the br

The junior brothers of the fraternity (with the wind at their back) challenged the older their back) challenged the older brothers (with the sun in our faces) to the football game. The only score of the game came on the last play when the ball fell into Paul W's hands. He raced for the goal line, a mere three yards away, and fell in giving the junior brothers the win. Omicron has once again proven itself,

Later in the afternoon SPD and Delta Chi played a quick game. The engineers couldn't find a handle on the ball and Delta Chi came out victorious again

Music was provided by WERU. They brought all their equipment and a portable gen-erator to the beach for a really

team were two pledges, Ken Barnette, and Berrae Miexsell. Their total score for three games gave them the well de-served case of beer. Many

thanks to the Pledge Class of Sigma Chi for a job well done and a night well spent.

Another noteworthy event

happened Sunday morning on the basehall diamond. This was more than just another soft-

ball game since it was against

ball game since it was against our respected rivals, Delta Chi. Our luck on the field in the past with our fellow Greeks has been poor, however this time luck was on our side. Despite an early Delta Chi lead we managed to get ahead (11-9). It was a well played game and a worthwhile victory, which leaves us with a gib 3-0 record. Let's keep up the good record.

CHi

The feast of the afternoor

was one of hot dogs, hambur-gers, potato salad, and of course beer. Our pledges did course most of the cooking under the supervision of Bob H. and the supervision of Bob H. and Charlie 4. The three kegs were no match for us, but made the day taste much better. Saturday night is always followed by the morning serios. Tunday morning, 9:00 a.m., 15 not so "bright eyed and bushy tailed" brothers met the brothers of Sigma Chi at the basekall diamond. After 6.

the baseball diamond. After 6,

the baseball diamond. Atter 6, Sigma had the advantage 11-9. It was an enjoyable contest regardless of the score. Enjoyed seeing alumnus Ron C. this weekend. Hope we'll be seeing more alumni in the near future

Sigma Phi Delta

By Joe Biebel

With week ten well under way, the brothers of SPD are still burning the midnight oil to make up for lost time due to last weekend's party and

Lest Saturday's joint beach party with Delta Chi at Ponce

later turned out to be a lot of fun for everyone, even the person who managed to get a four wheel drive vehicle stuck

Things did not go well again the SPD softball team, as D took a 13-3 loss to Snow-

All in all, last weekend was

fun and eventful as all the

brothers put their books a ide and rest their minds, a rare

in the sand.

blind last Sunday.

E.R.A.U. MGTCLUB

By Linda Mayberry

The Management Club held its third meeting for this tri-mester at the Treasure Island Inn last Friday. Our speaker was Miss Lee, manager of Sears in the Volusia Mall. The meeting went well and nomina-ti ns were made for President, Vice-President, Secretary, and Treasurer. Good luck in the up-coming election to all nomi-Our next meeting will be in

April. Details for that meet-ing will be announced later in the month. Have a nice week and remeber - only 38 days til graduation! Yea!! (This graduate can hardly wait.)

SCREAMING EAGLES MODEL AIRPLANE CLUB

By Debbie Redhed

A big "Thank you" to all the club members who brought their models for the Static Display; also to Donn Bryans for his radio-controlled sea-plane, sailboat, and car. Those three brought the total of model craft to twenty-odd airplanes, three boats, three cars, and one helicopter. Most of the models were finished and in working order, a fow in e club members who brought in working order, a few in various stages of construction out all were of high quality workmanship, and the large number of students and faculty ho came by to look at them were very impressed. Hope you all noticed Scott Kjelgaard's

Last Sunday, Alpha Eta Rho held another tour for the youths of Daytona Beach Divi-

sion of Youth Services (DYS). In order to fulfill its goals of

promoting aviation, members of "Rho" introduced those out-side of aviation to the indus-try and hopefully will gain their support for aviation in the

treir support for aviation in the future. About 17 kids from DYS saw the E-RAU main-tenance facilities, flight line, and flew the simulators. Every-one learned a great deal from

this experience and another tour will probably be given in the future. Thanks go to the counselors of DYS and to members of AHP who made this event a success. this experience and another

> Constellation (how could you miss it?!); he's planning to do-nate it to the school when it's

Club events on the agenda: Fun-Fly with DBRCA (spena Fun-Fly with DBRCA (spen-sored by that club) on March 26th. There will be a \$3.00 entrance fee. We're also plan-ning a control-line combat be-hind the dorn towards the end of the month. This one is "for blood" says president Bob Mrff. (½-A only). Next meeting. Thursday the 16th, we'll have details about both evenis details about both events.

Thanks again to everyone for the fantastic turnout at the

CCO CLEANS UP ITS ACT

By John Wrightington Vice Chairman, CCO

I'd like to thank all those who attended the last meeting for your active participation in the question/answer period with Mr. Queenan, Vice Presi-dent of Marketing and Developdent of Marketing and Develop-ment, and his staff. Cookies and cake and lemonade were served to entice more members to show up and stay by Nena Frost (thank you, Nena). This meeting coming up will have refreshments, but that sbould-n't be the main factor in wheth-er you come to a meeting or not, so, not. so.

Naveda Wilder, the Director of Financial Aid will speak at the next meeting on the many forms of aid available to students, and how and when to get them. The info she relates is VERY important to all your members, and you would be doing them an injustice if you didn't attend, or at least have another representative show up

I'd like to see these meetings be informative and enlightening to you and your organization, so the first thing we can do is eliminate the emphasis on club/ organizational activities work on some constructive as-sistance to the presidents and open a channel in which the students can confront the administration and staff on gripes

in order to do this though, I need your cooperation by attending all these meetings, relaying the information to your members, and coming up with topics of discussion which would benefit your leadership capabilities, and would be information to the information to your cooperation to the information to your cooperation to the information to your cooperation to your cooperati ative to the individuals in the

native to the individuals in the clubs, or organizations.
So, please show up at the meeting, Wednesday, March 15, at 4:00 p.m., the meeting will last a little longer, but for once we're going to ac something Thank you to accomplish we're





ARNOLD AIR SOCIETY GILL ROSS WILSON, SO.

By Kitty Blaisdell

Last Wednesday we held our final fledge interviews. All pledges managed to rurview with Eric being fried just a little. The wizard came too, but left early. He was sitting in back as usur. Good luck to the pledges on their final test. National has declared this week family week, just a re-

pledges on their final test.
National has declared this week family week, just a reminder. I think that the pledges' project on Sunday could be considered a good project for family week. They went to the hospital to entertain the children with a robot, juggler, and three clowns.

And now for an AAS graduating senior. Coming from Hazlet, N.J. and leaving us for UPT at Vance AFB, Oklahoma on August 8 is C/Maj. Carlton Jessup.

An Aero Science major with a 3.49 GPA, Carl has a four year AFROTC scholarship with a pilot slot. He has been active in ROTC as a squad leader, flight sargeant, in operations, ss Drill Team Commender and

as Drill Team Commander and Chief of Group Administration and finally the 402 Advisory Squadron. On his way up, Carl has received some awards such as the marksmanship award, leadership ribbon, extra-curricular activities ribbon, and such bonors ribbon.

Carl was involved in Student Activities in 1975. He has been a member of various AAS committees and has been Administration officer.

How much of a pilot is Carl?

How about commercial instru-ment pilot ASEL and AMEL, CFIA and BGI with hopes of having CFIAI and IGI during this month.

ROTC

Last Seturday AFROTO the trimester. A good turn out and plenty of spirit made for a successful and fun afternoon. Along with snacking on chips and assorted beverages, many of the cadetsenjoyed playing some football and volleyball. The big volleyball game of the day was the competition between the GMC's and the POC's. It was a hard fought game, with the GMC's even-tually winning the game in a stunning upset. Next time, the POC's say that they will play with two hands.

with two hands.

On Sunday, the AFROTC softball team again engaged on the gridiron for another thrilier. The team played well, but their opponent played better. The 11-7 score marked the second less for the transport. second loss for the AFROTC team. The road to the cham-pionship is now rougher, but other teams should beware. When you think you've reached the peak of glory, AFROTC will be knocking at your door.

BULL OF BEERS from the sound of the Barley Male Burney Hope Sice and Best Barley Male Burney Male Burney Male Burney Male Burney Sice and BEER IN THE WORLD BURNESS SELLING BEER IN THE WORLD MELANTST-SELLING BEER IN THE WORLD HERE COMES PHE BIG BUB, BALLBON SMOS ☆!!WATCH IT DEFY GRAVITY!!☆ **Embry-Riddle University Center** March 22nd 2:00 p.m. to 5:00 p.m. Budweiser... King of Beers,

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memade

Pizza

REPRESENTATION



JOHN ATKINS AND MARK WEILER

Sy Carl Duncan
On March 15th the elections for the Student Government
Association are to be held, and as a candidate for President of
the SGA, I would like to introduce myself and inform you of my

background and platform.

I entered Embry-Riddle in January of 1977 after completing a six year enlistment in the Navy. As a transfer student in Aeronautical Studies, I have attended Embry-Riddle for three trimesters, with a current grade point average of 3.8. I plan to graduate in December of this year with my Area of Concentration in Avionics.

To explain my platform, I would like to say first that I am a STUDENT, not a politician. I have never held an office nor have I ever desired to seek any. However, after three trimesters of hearing students' frustrations, complaints, and incidences of "That's the way it is." I felt that the students - and I emphasize students demand more voice in University decisions. Abortions such as three people in a dormitory room and two flight periods per semester are just two indications of student inactivity that should not have been.

Candidate For SGA

WE'LL MAKE IT HAPPEN FOR YOU!!

The purpose of the Student Government Association is to serve YOU, the student. To accomplish this goal, we have established the following five point program to make the S.G.A. function for YOU.

1. Establish an S.G.A. office in the Academic, Maintenance Technology, and Flight Technology complexes and each dormitory complex. Each office will be staffed by the senators in an effort to make the S.G.A. more informative and accessable to the students.

2. The agenda and minutes of each S.G.A. Senate and committee meetings will be posted in each academic and dormitory complex and published in the AVION. This will inform the student of S.G.A. strivities and allow the student to make his voice heard on issues being considered.

3. Establish a committee to investiage student complaints and suggestions promptly. By helping each individual student, the entire student body will benefit.

4. Active representation on every campus committee to insure that students are aware of pending policy changes and have the opportunity to voice their opinions on these policies.

5. Establish an S.G.A. acceutive committee comprised of representatives of each campus organization. This will aid in the desemination of information and ideas of the S.G.A. and student body. The internal workings of the S.G.A. need to be improved to better serve YOU. The two major areas in need of immediate at

election only twenty percent of the students voted. This poor turnout is one of the greatest problem creators of all. Action brings solutions and without voting, apathy prevails. Please don't let that happen. Get involved, not burned.

JOE GOLINSKI JOE GOLINSKI
I'm Joe Golinski or better known as "Ski" around campus. I've been at E-RAU since Jan. '75 and I have three Tri's to go. I'm originally from New York but I have since moved to Daytona Beach.
I served with the U.S. Army in Vietnam as a helicopter pilot and I have flown with two National Guard Units.

and I have flown with two Naucona's utural Units.

I am running for the office of Vice President of your SGA with
Carl Duncan running as President.

I've been involved in many functions at E-RAU and I've seen
administrations come and go. I've heard I guess every campaignpromise there could be and sadly I must say I haven't seen too

promise there could be and sadly I must say I haven't seen too many promises kept.

When Carl approached me to run with him I first asked him what his platform was and the answer seemed to answer all the questions I had of him. He feels as I, the Student must be put back in their government and to do this you need people willing to work for all students and not just the concepts of a few. Politics is a funny game which seems to take away government from where it belongs; as the student government.

tention are as follows.

1. Positive leadership must be provided to the Senate and Executive committees to insure that all matters before these committees are acted upon in a timely matter.

2. Establish screening procedures and a training program for Student Court Justices to enable the Court to function in a professional manner and provide fair and just treatment to all students

fessional manner and provide fair and just treatment to all students without undue delay.

We would also like to work with the administration to establish improved procedures and a training program for Student Court Justices to enable the Court to function in a professional manner and provide fair and just treatment to s'i students without undue

We would also like to work with the administration to establish improved procedures for a personalized academic counseling for each student. This counseling should begin at the time the student arrives on campus and continue throughout his/her entire academic career. This will ensure that each student is given positive guidance in formulating his academic and career goals.

We feel that we can best serve YOU, the student, in the S.G.A. and would appreciate uses.

and would appreciate your support. However, the most important thing in this election is that YOU vote for the candidate that you feel can best serve YOU.



JOE GOLINSKI CARL DUNCAN AND known Carl for a long time. I know he's a hard worker and to for all Students. I know we can do the job for you, the

I've knuw.
will be so for all Students. I know we can use students that needs to be done.
I'm not going to make phony promises to you or build you a rainbow with words.

The property make one campaign promise to you that Carl and you the best way we

rainbow with words.

I will however make one campaign promise to you that Carl and myself will work our butts off for all of you the best way we



MICHAEL JAWORSKI AND FRANK PARE

MICHAEL "WITH A J" JAWORSKI

Aviation Management G.P.A. 2.78

Background: High school soccer, track, swimming teams, U.S.

Army - Honorable Discharge 1972, Manager - new car Fleet sales

owner/operator - delivery service.

P. ArJ Involvement: Veta Club - Fall'76, Management Club - Fall

"16, Radio Station - Fall "16 through present; SGA Senator - Spring

"17, Summer "77, SGA HEW Chai" nan Fall "77, Spring "18; WERU

Radio General Manager Fall "17 to present, Orientation Volunteer
since Spring "17, member Statient/Facuty-Conduct Committee,
Activities and Communications Board member Fall "77, Spring "78,

SGA Executive Cabinet member Fall "77, Spring "78, SGA Con

stitution Revision Committee - Summer "77.

Present Outside Involvement: Member Halifax Optimist Club

WHY RUNNING FOR OFFICE OF SGA President:

WHY RUNNING FOR OFFICE OF SGA President:

It's time to put experience into the SGA. The main problem
with the SGA has always been, and still is, lack of positive
ACTION. Those who know me, and my record shows this, have
always seen results out of my involvement in any organization.
My motto - "PERSISTENCS & PROFESSIONALISM."

OPEN VOICE FOR STUDENTS

Nate Kidder/Sen. - College Avaiton Technology
Having been a student at Embry-Riddle for five consecutive
trimesters, I've watched the SGA operate from an interesting but
detached viewpoint. I have heard many complaints, and a few suggestions concerning SGA operation, but only rarely have I seen
the type of effective response the students deserve.

This lack of commitment has allowed the SGA to slip into the
role of an entertainment coordination committee. Lack of student
input has been one of the key factors resulting in the lack of SGA
effectiveness.

The time for commitment is NOW. More than anything else the

FRANK PARK

Boy Scouts (Star), AF Previous Involvements & Achievements: Previous involvements & Active renews.

Boy Scotta (Sai), 117

ROTC (Maj.) Drill Team Commander; top 20% of High School Graduating Class (*72), Red Cross Volunteer Life Guard (WSI Rating *1973), Four years Regular Air Force (Night Shift - Maintenance Flight Supervisor).

Currently At E-RAU - (A.M.T. Program), Second Trimester E-RAU SGA Student Court (Chief Justice) Fall and Spring, SGA Executive Cabinet member - Fall and Spring; E-RAU Conduct Committee (Alternative) - Spring; E-RAU Traffic Committee Student Representative - Spring; WERU member - Fall and Spring, Cummulative G.P.A. - 3.33; Vets Club - Spring.

WHY AM I RUNNING ON THE SGA VP Ticket:
To finally make the office of V.P. a functioning office through proper organization and guidance of the S.G.A. Senate.

PAUL LENNON FOR SENATOR

The Embry-Riddle Student Government Association offers opportunities for interested, conscientious student representatives to further the cause of the student populace both socially tives to further the cause of the student populace both socially and academically. The Student Government Association is responsible for conducting student oriented social functions and assisting in governing student conduct. It also has two voting members on the University Board of Trustees.

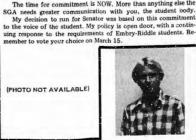
A Senatorial position requires an individual who has a genuine interest in student affairs. I feel that I have the interest and the capability to serve as one of your Senators for the '78-79 school

year erved two years in the U.S. Army, one of which was in Vietnam. My work experience covered several years and included a number of different jobs before coming to Embry-Riddle where I am a dunior in the Aeronautical Science program.

I hope you will vote on March 15, and when voting please remember me, Paul Lennon. Your support is appreciated. Thank you.



effectiveness.



DAVE RIDDESCOMBE FOR SENATOR

The senator position is very important to me because I enjoy getting involved and want to make sure that the students rights are protected. I am presently a senator for the S.G.A., so I am school government. If there are any comments or suggestions will be more than willing to bring them up at our meetings

I am presently a sophomore in the Aeronautical Science pi gram and would very much like to continue serving E-RAU as SGA senator. Thanks for your time and please vote for Da combe for senator at large.

VOTE: GWEN HOLKEBOER: SENATOR

Since the very first trimester I was enrolled at Embry-Riddle, which was the summer of 1977, I have been involved with the S.G.A. I am not intimidated by the fact of losing my free time. This is obvious with my involvement with Alpha Epsilon, the sorority, The Management Club, and presently being a senator for the S.G.A. If elected i will not be one to sit and do nothing. I am presently on the Academic Standards and Procedures Committee and the Student Conduct Committee, hopefully this will not be the limit of my involvement. Remember VOTE THE ACT!ON PARTY!



(PHOTO NOT AVAILABLE)

YOU GIVE A DAMN?

By Howard K. Less
By Howard K. Less
Dy you really give a damn about your school? If you do, get out
Day you feelily give a damn about your school? If you do, get out
and yote in the election.
I would like to have you were for me. As your senator I can
make you two promises:

make you two promises:

(1)I promise to make myself evailable to all students to hear
what you feel should be done and in turn relate your ideas to the
Studest Government Association. The senate is your tool for the
improvement of the university and student life. You need a senator
who cares enough about you to actively seek out your ideas and
aninions.

opinions.

(2)I promise to be a very active, participating member of the senate. The SGA has been troubled by anathy among the senators. Many senators failed to datend meetings and many others failed to make a significant contribution to your SGA. AS your senator I will attend all meetings and through me your voices will be heard. In conclusion, this school can be no better than all of us are will to make it become. Do your share and vote.

VALIGHN WATKINS - SENATOR

PREVIOUS ACHEIVEMENTS:

1)Boy Scouts (Life Scout), Member of Boy Scouts - Order of

2)Lettered four years Varsity Football.

2)Lettered four years Varnity Football.

3)Lettered 3 years Varnity Wrestling.
4)Participated in VIP Tours of E-RAU.
CURRENT ACTIVITIES AND ACHIEVEMENTS:
1)Member of Management Club., Elections chairman - Management Club, Services chairman - Management Club.
2)Member of Lambda Chi Alpha Fraternity.





RIDDLE SPORTS





ERAU EAGLES BASEBALL GAMES COMING UT THIS WEEK

rday March 18 Wooster 1:00 Field C

Tuesday March 21 Williams 2;30 Field 6

Wednsday March 22 Mount Union 2:30 Field 6





RESULTS OF SOFTBALL, INTRAMURAL SUNDAY, March 12

Sigma Chi	11	Delta	9				
Amold Air	7	Lambda Chi	ő				
Snowblind	15	Sigma Phi Delta	3				
Steelers	7	Northeast Express	0				
Steelers	14	69'ers	3 .				
Barnstormers	6	Ten Stoogies	3				
Veterans Club	7	Latins	0				
5C's	10	Landslide	6				
Hang Ten	19	AAAA	9				
Joeys'Geese Patrol	8	Miller Boys	6				
Playboys	10	ROTC	7				
Blue Chips	14	Outlaws	10				
Rebels	21	AHP	11				
Foul Balls	7	Mad Dogs	0				
Flight Tech	20	Bail Busters	4				
AVROC	17	Tomcats	10				
The Team	12	Big Dads	11				
SCHEDULE FOR S	UNDA	Y, March 19 - Softba	dl Intramurals				
TIME		FIEL	D 7				
8:00 AM	Pum	as vs. Blue Chips					
9:00 AM	SC's vs. Tomcats						
10:00 AM	Rebels vs. Mustangs						
11:00 AM	Barnstormers vs. Miller Boys						
12:00 Noon	Outlaws vs. AHP						

BarneOutlaws vs. AHP
AAAA vs. Playboys
Landslide vs. Ball Busters
Foul Balls vs. Hang Ten
FIELD 8 1:00 PM 2:00 PM 3:00 PM TIME 9:00 AM 10:00 AM Snowblind vs. 69'ers Sigma Phi Delta vs. Delta Chi Sigma Chi vs. Arnold Air Steelers vs. Joey's Geese Patrol



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Eagles Battle Through Unsuccessful Week

Facing the University of Tampa on Monday brought junior starter Nelson (Snake) Solari back to the mound, who in his last three starts has who in his last three starts has fanned 32 men, while giving up only 11 hits in 24 innings. Unfortunately, his successful efforts netted him two losses, both by 3-2 scores. Against Tampa he and the rest of the Eagles didn't fair as well. E-RAU was beaten 6-0, unable to get enough bats working to score.

able to get enough bats working to score.

Coming home saw no rest for the team and a new addition to the pitching staff. Second baseman dirag Feith started this night game and made one helluva performance considering he's not a regular pitcher. Scoring two runs in the first inning, it looked like the Eagle bats would finally crupt for their much needed big game. Unfortunately, that was not the case and Wabash gained a 7-2 advantage. The Eagles awakened in the eighth and ninth innings only to come up one run short. The nirth saw singles by Dougherty, Bawrick, Lemos, Hauser, and Solan lead to two runs with the last out coming on an exciting play at the plate that cut down the tying run.

The last two games of the

The last two games of the week were against Widener College, which saw the return of Solari and O'Sullivan to the mound. Nelson Solari went the mound. Nelson Solar went 10 long innings in the first game, giving up the go-ahead run in the eleventh before being relieved by Jeff Ryan. Before losing in 11 innings, the Eagles rallied for four runs in the eighth for what looked like the winning runs. Widener had other plans though Widener had other plans though and came back in the ninth with four runs of their own, forcing E-RAU to score again in their half to keep the gome alive. Solari, tiring after approximately 200 pitches, gave uphat preved to be the losing run to the first batter of the eleventh

Steve O'Sullivan went the



than his Jersey buddy, but still coming out on the short end of a 6-2 score. Eagle hitting was infrequent, though Ken Holgard and Bob jenkins came up with two hits a piece; with the two RBI's going to Jenkins

and Howie Taylor.
"EAGLE SHORTS" Needles to say, losing is not a pleasant feeling; and it's compounded when you don't get at least a little school support. Enough can't be said for the ballplaycan't be said for the ballplay-ers that take quite a big of their money to finance an away trip, paying for both their rooms and meals. You'll see more on this subject later. Mention should be made of some fine performances by third baseman - outfielder and

round ballplayer Spyder

all around ballplayer Spyder Dykes.

Though the Eagles have been plagued by a lack of hitting in many of their last 10 games, Spyder has come through with a good number of hits and heads up defensive plays that have kern life in the Eagles. Steve O'Sullivan has also become a consistently good pitcher. coming through also become a consistently
good pitcher, coming through
with two strong performances
in losing efforts. Add to the
starting mixture of Solari and
"Sully", one short relief speciERAU LINE SCORES

alist by the name of Jeff Ryan, the Eagles can't blame the losses solely on their pitching staff. We thank the few spectators we saw Satur-day night, and those that appeared at earlier games; and

the nicer weather we look for more at future games Maybe with the help of a fan or two, the Eagles would come up with that one or two run rally that would chalk up a win. Hope to see you soon!



BOWLING

By Trish Westover

By Trish Westover Hello there gang! Things are beginning to look much better. Scores are back where they belong (on both sides of the

The Brewmeisters teamed together for a 229 by David Mulhall and a 201 by Kevin Jeffer. Speaking in series, we find Rick Freeborn (571 203), Bruce Morrin (569,233), and Jack Rivoir (508,207). Greg Antonov rolled his ball in there for a 215. Keep up the good work!

Caroline Cash was shadir. Brewmeisters teamed

good work!

Caroline Cash was playing hot shot again. She rolled 200, 183, and 142 for a 525 series. Marilyn Sills must like reading her name in the paper. Her 153 put it there again. Good to see the girls are putting their piece in there.

Honorabie mention goes to Denny Clift this week, His 195 with a 508 series looked descent on the scoreboard.

descent on the scoreboard. That is not bad for a 135 average, don't you agree? See everyone Thursday!!

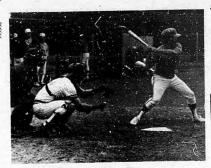
	1	2		3	4	5		6	7		R	H	E	
ERAU	0	0		0	0	C		1			1	5	2	
FIT	0	0		1	0	C	_	9	1	4	2	8	2	WF Weeks
ERAU		0		0		3		0	0					LP Workman
FIT	0	7	_	5	0	C	_	1	-	+	13	12	3	WP Dorsch
ERAU	0	0		0	3	1		0	0	1	4	4	3	LP Ryan
St.Pete	1	1	_	3	8	1	_	0	_	4	14	16	0	WP Kessler
ERAU	0	0	,	1	0	6		0	0	1	7	6	6	LP Zierhoffe
St.Pete	1	0	_	2	0	C		3	0	4	6	6	4	
ERAU	0	0		0	0	C)	0	0	1	0	4	4	LP Solari
Tampa		C		0										10 1 WP Doyle
	1	2	3	4	5	6	7	8	9	R	H	F		
Wabash	1	0	3	1	0	2	0	0	0	7	14	4		LP Feith
ERAU	2	0	0	0	0	0	C	2	2	6	14	3		WP Pettofre
	1		- 2	2						8				RHE
Widene			0			0					4	C		9 8 1 LP Solari
ERAU	1		C	0	0	2	0	0	0	4	6	1	0	7 9 4 WP Miller
Widene	гÌ	7	0	2	1	1						6		2 LP O'Sullivan
ERAU	1		0	1	0	0	0	.0	0	0	1	2	7	2 WP Miller

Prevents for



LOCALLY OWNED & OFERATED BY DAN GALLAGHER

Meet The ERAU Eagles



Donald (Spyder) Dykes

CLASS: Freshman
HOMETOWN: Callaghan,Fla.
AGE: 26years
MAJOR: AMT
FEARS WITH CLUB: 1978
POSITIONS HELD: 3rd Base, Outfield
-1978 POSITIONS HELD: 3rd Base,Outfield
MEMORABLE SAYING: "I don't want a pickle, I just want a
motorcickle."

Neison (Snake) Solari

CLASS.Junior
HOMETOWN: Leonia,N.J.
AGE: 21 years
MAJOR: Aeronautical Science
YEARS WITH CLUB: 1976,1977,1978
POSITIONS
HELD: Pitcher,Co-Captain,MVP-1977,Lowest
ERA Trophy 1976;1977,4 year AFROTC Scholarship
MEMORABLE SAYING: "Eat my shorts"



Ken Hauser

CLASS: Senior .
HOMETOWN: Sugerchagerin Falls,Ohio
AGE: 22years
MAJOR: Aeronautical Studies
YEARS WITH CLUB: 1976,1977,1978
POSITIONS HELD: Leftfield,Co-Captain
MEMORABLE SAYING: "Don't let the clutch out on the
Mazda."



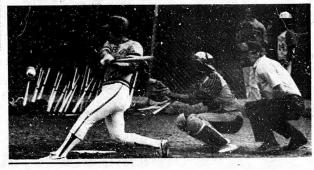
Joe Golonski

CLASS: Senior
HOMETOWN: Waterford,N.Y.
AGE: 29years
MAJOR: Aeronautical Studies
YEARS WITH CLUB: 1975,1976,1977,1978
POSITIONS HELD: Player/Coach,1st Pase
MSMORABLE SAYING: "If you can't get me at home or
at school, call Big Daddys."



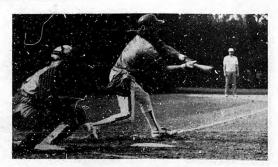
CLASS, Sophmore
HOME JOWN: Patchogue, N.Y.
AGE: 19years
MAJOR: Acronautical Science
YEARS WITH CLUE: 1977, 1978
POSITIONS HELD: Centerfield
MEMORABLE SAYING: "Anybody but Tubby"

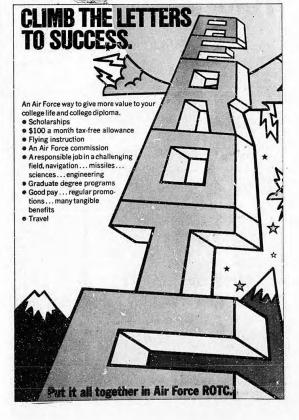




Greg Feith

CLASS: Freshman HOMETOWN: Petomic,Md. AGE: 20 years MAJOR: Aeronautical Science YEARS WITH CLUB: 1978 POSITIONS HELD: 2nd Base MEMORABLE SAYING: "Do It"





Confinued from Front page

So, in September of 1976 Cook started work on his extremely light weight aircraft. And last week when I went to see it, the air-plane was very near completion. He says he is plane was very near completion. He says are in no hurry to finish either. He enjoys home-building a lot and after he's done he won't know what to do with his spare time after dinner. As I watched him talk about his air-plane and of the problems encountered and solved, I realized that homebuilding was not solved, I realized that nomeniumly as not only a hobby or pastime but a bug or habit forming activity. This belief was confirmed when a friend of Cook's and fellow homebuilder came by I recognized him immediately as an avid homebuilder. He had just finished building a fully-aerobatic Pitts. It took him six years to build from scratch and I could see that he didn't feel complete without an unfinished airplane in his garage, while his friend walked around the airplane looking at the work.



Bill Cook went on to give me the specs on his aircraft. Every bit of information he gave me surprised me a little because it varied drastically from the airplanes I've flown, in weight, design, climb performance, etc. (He refers to Cessnas, Pipers and other factory made planes as "storebought".)

The 14'5" long fuselage is made of styrofoam and polyurathane foam covered with

foam and polyurathane foam covered with fiberglass cloth and sealed with some type of epoxy. There are only four strips of wood in the entire aircraft and the only steel is on the engine, the firewall, and the front freewheeling engine, the interval, and the front free-base, legi-nose gear. (The rear gear is fiberglass.) Bert Rutan(designer) jokes that the lack of metal is great for flying through restricted areas, just turn off the transponder and there's not much to detect on radar. (A fact I'm sure the FAA will appreciate!)

The rear wing is 22'2", and the front wing, called a "canard", is 12'6". The 85 hp. Continental is mounted on the rear, uses as a pusher prop and spins a 58" fixed-pitch prop. The air-plane loads like it flies backwards, but with a well-under-gross climb of 1,800-2,000 feet per minute (fpm), a cruise of 188 mph and a top speed of 195 mph, there's no question as to which way it goes - fast. The rear wings are anhedral (like an upside down V) and Cook states this increases shallity. Also on the tip of the each wing are the day and low vertical stabilizers called "winglets." These serve not only to zers called "winglets." I ness serve not only to hold the rudders but also to decrease wing - tip vortices, which induce drag. The rudders are independent of each other and can both be deflected on approach to landing to increase drag a little. On the underside of the fuselage there is a lever activatedspoilerthe size of a barn door which increases drag a lot, but according to Cook causes no pitch change when lowered down.

down.

The front canard holds the elevator. Bert Rutan says it will stall at about 49 mph. Mean-while the rear wing is still flying with aleron control. Also the rear wing is twisted so the root of the wing stalls first, if at all. Bill Cook believes the airplane to be extremely stable. He says that the pilot can stand it up in a 90 degree bank and lose no altitude, the winglets keep thalfting forces working senjust gravity.

bank and lose no altitude, the winglets keep the lifting forces working against gravity.

The rear wings hold 12 gallons each, and surprisingly enough the gas tanks are made of a type of styrofoam which is impermeable by gas. There is also a two gallon reserve tank just hehind the tandem passenger seat. The Continental engine drinks 80 octane but the engine was rebuilt with valves that allow the use of 100 LL

Cook deviated from Bert Rutan's design in a few ways, but everything to me sounded quite



practical and increased performance in many ways. Cook didn't want an engine driven suction pump for his suction instruments because they take six to eight hp. away from the engine, so he decided to use a venturi tube. The best part he decided to use a venturi tune. The best part of his idea though was to put the venturi tube inside the engine air-cooling scoop, thus keep-ing it out of the wind flow and avoiding parasite drag. He also enlarged the air scoop to quaran-tee sufficient engine cooling. When he first thought of the idea, he knew no one had tried it thought of the idea, he knew no one had tried it before and wasn't sure it would work. But a while later he read of a NASA engineer using it in his own homebuilt and having it work. Cook also extended the nose about 12 inches. In Bert Rutan's design the landing light was right on the nose but Cook's landing lights are cut into either side of the tapered nose and covered with plexiglas for uninterrupted wind flow over the nose.

For the pilot, the stick is on the right side of the fuselage and the position in the pilot's seat is remined quite comfortably. There is also



three-axis trim for pilot comfort. The visibility as Cook explained to me is as good as most fixed-gear singles. A canopy covering both the pilot and passenger hinges to the right side of the fuselage and is a large plexiglas bubble which gives the plane its good visibility. The basic instruments for VFR flight are placed at eye-level and a few temperature gauges are set into the arm rests. Cook redesigned the carb heat and mixture control using the shift-levers from a ten-speed bicycle. I had to laugh at that, but he told me that he designed them so if a cable should break, mixture goes full so

at that, but he told me that he designed them so if a cable should break, mixture goes full risk and carb, heat goes full hot. The landing gear is manual and just about idiot-proof. If the pilot reduces full throttle with gear up or puts down the barn door spoiler with gear up a red light flashes and a buzzer sounds. There is a small window the size of a ige located between the pilot's legs, to check

sounds. There is a similar window the absence of aguage located between the pilot's legs, to check if the gear is down.

Another of Cock's added inventions is a locking parking brake and his inexpensive Radio Shack strobe lights. He has also changed the entenna system by putting a plate of copper under his seat for better ground plane reception. The one important thing I noticed was that nothing was on or in the airplane that did not serve a direct purpose in the flight of the airplane. No unneeded weight, no unnecessary drag. Not even extra point in spots people didn't look or where the sun didn't hit. (Special white paint was used to refiset heat and ultra-violet light, which would tear apart the airplane). Even on the inside holes were drilled in certain structural supports to get rid of unwanted weight and not sacrifice any strength. Bill Cook said the not sacrifice any strength. Bill Cook said the empty weight of the aircraft would be 650 lbs. That leaves 350 lbs. for fuel, oil, pilot, and passenger. Incidently the take-off roll is only 900 feet.

When I asked him about the safety of his airplane compared to factory made he laughed and said, "This airplane has more structural integrity, than most storebought aircraft on the market." He gave me a few examples. One of Rutan's pilots was coming in on final when the engine quit (because of improper fuel line hook-up) and the pilot stalled it. The plane hit just before the runway and bounced up about 40 feet. When it came down the second time it hit in an attitude of 50 degrees bank and 45 degrees nose down. It broke the cunard off and slid it 100 feet down the runway. The pilot who was not wearing a shoulder harness at the time hit a fresh air vent on the canopy and cut himself. That was the extent of the pilot's injuries a.cd the airplane flew two days later.

time hit a fresh air vent on the canopy and cut himself. That was the extent of the pilot's injuries and the airplane flew two days later.

Another time a homebuilder built the canopy latches incorrectly on his Varieze, which allowed the canopy to pop open at 5,000 ft. and 165 mph. Being a light aircraft easily susceptable to control forces such as an open canopy, the airplane flipped over and entered an inverted spin. The pilot, not liking the maneuver at all, fought with the open canopy to close it. Five or six turns later he finally managed to close the canopy and pull out of the inverted spin at 1,800 feet. He held the canopy closed with one hand and crash-landed in a soybean field. The plane cartwheeled, ripped off the cunard, and tore some footage off the rear wing. The pilot, who had all harnesses secure, walked away from the airplane with nothing but some newly acquired experience. Cook attributes the pilots' safety to the energy absorbing foam and fiberglass. Cook further explained that the light-weight compared to the strength of the material in the airplane rated the airplane for 12+ G's.



After talking with Bill Cook and looking at his airplane, with its innovative-modifications I gained quite a respect for those certain home-builders who work in their garages throughout the night, using patience and irgenuity to design, modify, and construct their airplanes. So, be on the lookout for Bill Cook and his - a modern example of American skill



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Dear Madame: In reference to your ad in the Personal section of the AVION, March 8. What we your references, please place measurements, a picture and qualifica-tions, etc. in the next edition of AVIGN so any unsuspecting Riddle student will know what "thing" be or she is

The Miami Graduate Cen-The Miami Graduate Center will begin their spring quarter on March 27th. over 125 enrollments are expected in the eight courses offered next term. Included in the lineup are Current Problems in Aviation, Aircraft. Accident Investigation and Aviation Safety, Aviation Law and Insurance, Airline Operations and Management, and Airport Mcnagement.

Drawing from the aviation community in the Miami area, the Miami Center has dev

eloped an outstanding faculty with extensive experience in their subject area. Dr. Leonard Klingen, Director of Facilities Planning for Eastern Airlines will teach the Current Problems course. A student of the Air transportation industry in this country and abroad, Dr. Klingen brings to the classroom a varied background which has interfaced with all segments of the aviation industry. Dr. Bud Carr, Chief of Planning for the Metropolitan Dade

County Aviation Department will teach the airport Manage-ment course. Bud is respon-sible for the Miami International Airport Master Plan and is active on numerous commis-sions and study groups involved in transportation planning in the south Florida area.

As Dr. Wells aptly puts it, "we may not have many of the amenities associated with other universities in the area but we have a faculty second to none in their subject fields."

RULES AND REGULATIONS CAMPUS PARKING AND TRAFFIC REGULATIONS

1. EVERY REGISTRANT IS DIRECTLY RESPONSIBLE FOR ANY VIOLATIONS ON HIS/HER VEHICLE, RE-GARDLESS OF WHO MAY BE OPERATING THE VEHICLE. It is the responsibility of the registrant to explain the regula-tions to the person who will be driving his/her vehicle on

campus.

2. Parking on the grass, medians, sidewalks, and places not designated as parking areas, is illegal.

illegal.
3. Designated parking areas have been indicated on campus by colored parking lines and signs. The colored parking areas are as follows:

White parking spaces

University Center (circle) and at the dormitcry parking lots, may be utilized by any person with a valid E-RAU sticker unless that area is otherwise designated against parking in some way, means, or manner.

4. Ten (10) minute parking spaces are provided alorg the entrance to the University Center. This will allow for any pick up, delivery, short visit, to the University Center area. Those having business lasting more than ten (10) minutes must seek parking in an approved area. University Center (circle) and

must seek parking in an approved area.

5. Certain traffic regulations will be enforced 24 hours a day. These include the regulations prohibiting parking on the grass, parking in fire lanes, excessive speed and reckless driving/exhibition of power, parking or driving on sid-

walks or grass. All regulations related to color coded parking areas will be enforced only on weekdays, between the hours of 6:00 a.m. to 5:00 p.m. Regulations governing handicapped and visitor spaces will be enforced also on a 24 hour, 7 days a week basis. 6. Vehicles must be parked within the markers of lines, if provided, in all campus parking areas. Parking over a line or parking in a manner as to obstruct the normal flow of traffic or hamper proper procedure, it a violation. Vehicles parked at sixty degree (60) angled parking must be parked heading forward into the parking space so that vehicles leaving a parking space will do so in manner consistent with the flow of traffic.

HAPPY ST. PATRICKS DAY!







JERRY DOYLE

Jerry Doyle is now serving as Daytona Budweiser's Campus Re-Presentative at Embry-Riddle Aeronautical University.

Jerry, a native of New York, is a Junior year student at Embry-Riddle, majoring in Air Transportation Management. He is the Commodore of the Riddle Sailing Association, and is also on the Council of Campus Organizations.

Jerry will be happy to help you plan your next party or social event. He can be contacted at 258-1753.

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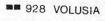
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