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Halloween dance, Saturday, Oct. 31

Embry-Riddle Aeronautical University Daytona Beach, Florida



October 28, 1981 Volume 39 Issue 7

ERAU starts alcohol aid

By Paul Kilmer In mid-summer of 1981, a new In mid-summer of 1981, a new university committee was formed at E-RAU. It is comprised of faculty, security staff and student members. This committee has adopted the full name of Alcohol and Substance Abuse Awareness Committee in order to best repremittee; in order to best repre Committee; in order to best repre-sent its functional purpose. Since forming, the committee has pro-gressed through formative stages that define its structure, philosophy, objectives, guidelines and programming directions. A short review of accomplishments for the information and reference of the entire camous community of the entire campus community

The Committee has elected to adhere to a philosophy of the dual concepts of respect and respon-sibility in regards to alcohol con-

For the desirable effects that alcohol can have on sociability and

alcohol can have on sociaonity and the fact that some people elect use of alcohol for this reason— For the harmful effects alcohol can impose on mind, body and spirit and because of these some people will choose to abstain from

RESPONSIBILITY

For self, to learn the proper use of alcohol if we choose to use it-For friends, colleagues and community, to protect them from the consequences of alcohol abuse-

consequences of alcohol abuse— To E-RAU, to safeguard the University's reputation— To the professions, to insure that the future members of these professions practice alert, mature, dependable behaviors. The University itself is commit-

The University itself is commit-ted to respecting individuals' choices with regard to alcohol use and is responsible for providing in-formation and education so that alternatives are considered in an informed, deliberate and equitable

Apart from alcohol there are Apart from alcohol there are certain substances which, when abused, are inherently dangerous. The Committee recognizes that such use and abuse may occur and is obliged to heighten the awareness of faculty,

staff and students of the existence such substances and the as they relate to: physical a tional well being, society, safety,

See ALCOHOL page 7



Halleluja!

Finally the old saxiway-parking lot has been paved. The 2 lane road is 1000 ft long and 20 it wide. Total project cost is \$7,000 and will facilitate parking on both sides. (Photo by: (Photo by: Paul Levy)

Career Center outlined

By Max Corneau

By Max Corneau
Avion Staff Reporter
Most students at Embry-Riddle
are aware of the Career Center,
however very few students utilize
the center to its fullest potential.
Associated with the Career Center
is the Country preparad. As with the is the Co-op program. As with the Center itself too few students take advantage of the the benefits of Cooperative Education

the purpose of the Career of the career of the career is relatively straightfor-rd; to educate in the develop-

ment of a career. This general pur-pose seems all encompassing at first glance, however at closer look we can see several specific areas of concentration. Not only will the people in the Career Center assist the student in the claims appear a the student in deciding upon a career, but also teach the student

career, but also teach the student the necessary skills to find a job in his/her desired career.

Basically, the function of the Career Center is to teach the stu-dent the necessary skills to find a job. Many students complain that

dent in actually landing a job. This is a legitimate displeasure. Since the resources of the center are limited the staff could in no way handle locating jobs for everyone Thus we see the Career Center as

a place for the student who wishes rolearn how to find himself a job.
From it's beginnings in 1974, the
Career Center has more than
quadrupled in size, according to

See CENTER page 3

Board of Trustees meets on campus

By Jeff Guzzetti Avion Staff Reporter Earlier this month on October 16 and 17, the Embry-Riddle Board of Trustees met here at the Daytona Beach campus for their hisannum meeting.

bi-annual meeting
The 38 members of the board met in conference to discuss pertinent matters and evaluate the campus in whole. They toured the cam-pus facilities attended and taught several classes, and met with students and staff.

"The meeting was excellent," stated Jack Fidel, provost of E-RAU, "It really showed the fine caliber of trustees that we

Some of the issues that were discussed at the meeting included a tuition increase for Fall of 1982, a self-study report, budget ap-provals, and other policies and agenda items.

"Most students don't realize what the Board of Trustees is and

what purpose it serves, com-mented Jeff Ledewitz, vice-in charge of ad-

mented Jeff Ledewitz, vice-president in charge of ad-ministrative issues, "This is not a board which sits in isolation; rather it is one which interacts with the st...dent body in order to pro-vide for its needs." Dr. Ledewitz went on to explain that the members of the board are the overseers of the university

the overseers of the university. They are non-paid executives who set the policies and provide funds for the Embry-Riddle campuses.

The board meets twice a year; at the Prescott campus in April and here in Daytona in October. It condended to the condended to t cluding educators, engineers, accountants attorneys, realtors, business executives, faculty

business executives, faculty members, and even a senator.

The board also contains two students from Embry-Riddle who have voting power. These students are the SGA presidents of the two Riddle campuses. It is very rare to have voting students on a board of have voting students on a board of ees which is beneficial in voicing the student's opinions in ad-ministrative issues.

Inside this week

Health tips by Doc. Horowitz

Stones at T-Bowl

Bird collides with plane

Football standings 6

& organi Clubs zations

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Daytona in the past 12



ERAU cyclist dies in collision

Wednesday October 21, at 1:04 p.m., Vincent Saracino was killed when his motorcycle collided with a 1975 VW at the intersection of S. Ridgewood and Beville Road.

Ridgewood and Beville Road.

A press release by C.W. Weltz
of the Daytona Beach Police
Department reported Saracino was
southbound on Ridgewood and the
driver of the VW was northbound.
Both drivers were proceeding on
green lights when they collide.i,
which ejected Saracino over the
VW. Annarently the driver of the VW. Apparently the driver of the

VW. Apparently the driver of the VW was turning west on Beville Road when the accident occurred. Sergeant Sharpe, Daytona Beach Police noted Daytona Beach Rescue and South Daytona Am-bulance responded to the scene, but could not revive Saracino. The accident is presently under investigation.

racino was a 20 year old E-RAU Aeronautical Studies stu-dent from Islin, New York.

Local man works to keep Halifax history

By John Scribner

Barney Koons, the director of the Halifax Historical Society, is discouraged. He sits at a desk

Historical Society, is discouraged. He sist at a desk tat is far too small for the amount of paperwork it supports and worries that his dream for a local historical museum will never come true.

Outside, on the building's effete walls, the words "Save Me Please" are stenciled. According to Koons, that will be no small task.

Koons (his card lists him only as "Entrepreneur") is trying to generate interest and capital to open a museum in the building. But as he admits it's hard work that at times appears honeless.

Koons was born in 1917, un 218 Bay Street, next to what was then Mainland High School and has spent almost his entire life in Florida and the local area.

He claims he became interested in researching the

Halifax area whil trying to find where the word "Volusia" was derived from.
"There are really three documented versions of the answer," Koons state: "The Historical Society says that an Italian immigrant by the name of Volusia settled on the St. John's River and opened the Volusia Trading Pays. the Volusia Trading Post.

"A better explanation comes from agri "A better explanation comes from agronomy, in which there is a Volusia type soil that is found up in Pennsylvania and Kentucky. It's a sandy, non-productive, hard pan based soil, much like the type we have here along the coast.

"The third explanation, and the one I like the most, comes from the Miami Valley Indians that were forced out of Ohio and into Florida. They had a name fore lollers where they Goded streams."

a name for places where they forded streams; they called them

While Koons has had no formal training for the While Koons has had no formal training for the job of director of the Society, he has spent the last twelve years researching the Halifax area. His research has taken him from Dayton, Ohio, where he studied the Miami Indians, to California, for a study on Spanish architecture. His research and personal experiences have provided him with a unique knowledge of Daytona and the Halifax area

urism in the Past

Koons remembers much of his past in Daytona and can recount volumes of stories and information about the area. He recalls that even back when he was a young boy, tourism was Daytona's main line

of income.
"Most of the tourists didn't really start coming here until automobiles were introduced. Then it was mostly local or nearby towns that provided the

"We had some realiy high class hotels. The Claredon, The Geneva and The Princess Issena which were all on what is now Seabreeze Boulevard were real exclusive."

were real exclusive."
Racing was the main attraction even back then.
Koons remembers a time when Henry Ford came to
Daytona to test a new car.
"He couldn't even afford to stay in the Ormond
Hotel and instead, had to sleep in the car. There

See HALIFAX, page 12.



See historical photos, page 12.

Motorcyclists beware

EDITORIAL

One week ago today Vincent Saracino was killed when he was thrown from his motorcycle after colliding with a car at the intersection of South Ridgewood and Beville Road. In a few precious moments Saracino's life was over, his career at E-RAU in Aeronautica' Studies ended, and most of all his family and friends left to mourn his death. Saracino has joined the long list of motorcyclists killed in Daystona Beach. Like nost accidents, this one could have been avoidable; in-

Saracino has joined the long list of motorcyclists silient in Dsylvon Beach. Like most accidents, this one could have been avoidable; instead, it became a senseless waste of life. Motorcylists in Daytona Beach don't have it very easy. Without the protection of an automobile, a slow speed incident on a motorcycle can become a serious injury. A shirt and jeans become aper thin when they're account a slow the acplast sit average speed. Daytona Beach has more than its share of senior citizens on the streets. They generally have slower reaction times and don't see quite as well as they used to. Tourists unfamiliar with the area abound on the roads in great quantities during the peak seasons. Then there is the proverbial (lousy driver." If doesn't matter what time of day it is ow what the conditions are, he is still a menace on the highways.

The point is: Daytona Beach is a difficult town for a motorcyclist to avoid being injured or killed. E-RAU has hundreds of motorcyclists who commute to school each day. Some ride motorcycles to save money, some because they like riding so much. Whatever the reason, motorcyclists must maintain a strict vigil over all traffic. There are not many days when a motorcyclist can say he didn't come close to plowing into the rear of some "blind idiot" or swerve sharply to avoid a driver who pulled out in front of him. Motorcyclists do on thave nine lives who pulled out in front of him. Motorcyclists do on thave nine lives into the rear of some office that of our sweet samply to end to a week samply to who pulled out in front of him. Motorcyclists do not have nine lives like some drivers seem to think. One chance is usually all you get, and if you get by the first time you often have a cast or stitches to show for

Jack Anderson's Weekly Column

Soviets improve germ warfare

and Joe Spear WASHINGTON -- Germ warfare is probably the mo WASHINGTON -- Germ warfare is probably the most frightening of the so-called "conventional methods men have devised to kill each other."

the so-called "conventional methods men have devised to kill each other." It is kideous in a way that even poison gas or nuclear bombs can't equal. So the Pentagon is understand-ably concerned that the Soviet Union may have developed some new, sophisticated forms of these "biological" weapons. The Russions may, in fact, already have tried them out in Afghaniston. They may even have given some so-called "microbe bombs" to their satellites and allies. We reported earlier that U.S. intelligence experts believe the Russians have used nerve gas against the guerrillas in Afghanistan. Recently intercepted secret cables, seen by our associate Dale Van Atta, indicate that the Soviets may have used microbe bombs as well.

A ton-secret Pentagon report mentions two Soviet satellite countries

the Soviets may have used microbe bombs as well.

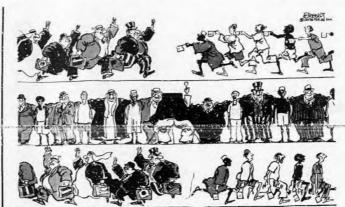
A top-secret Pentagon report mentions two Soviet satellite countries
that used chemical weapons provided by the Kremlin. The Vietnamese vadopiosing as against Meo tibesmen in Laos. Chemical weapons were alsused in the eivil war in Yemen in the 1960s. The Russians supplied the
chemical weapons in both cases.

The Pentagon is now convinced that the Soviets consider the first use of
chemical weapons as almost routine. And U.S. military leaders reason that
the Russians might feel the same about biological weapons.

One of the scartest development is this: The Soviets may have perfected
biological weapons that kill only those who are initially exposed to them.

The effect of such a weapon is obvious: It would mean that the Soviet
sould wipe out an enemy army, or an entire population, and then move in

sald when out an enemy army, or an entire population, and then move in occupy the territory without being worried about being infected emselves.



THE CANCUN CONFERENCE

letters

Thanks!

To the Editor:

The Entertainment Committee would like to express their gratitude and appreciation for the constant assistance, cooperation, support and service of the entire support and service of the entire Physical Plant Division, especially to Clyde, Marv, Mike, Chuck, Carl and Phil.

Our gratitude and appreciation

is also extended to the entire Security staff for helping us to serve the students to our fullest and in a safe manner, and to Epicure Food Services staff and employees for their willingness and dedication.

Box 3024

AMT lockers

To the Editor:

In reference to Mike Gerhard's In reference to Mike Gerhard's report on lockers at AMT this past week, I would like to note that I find it particularly unbelievable that anyone would equate a "jet engine for the students' lab" with 100 "airport terminal type lockers." Don't you?

To begin with, it is very impor-

tant to realize that maintenance students PAY \$10.00 per trimester for the privilege of occupying those hallowed vaults. With only 180 lockers, that's still \$1800 a term, In less than three years they will more than pay for themselves

and begin to turn a profit.

On the other hand, buying a jet engine is quite a defferent story. The initial cost is very high and subsequent costs for parts and fuel will continue for the life of the

engine.

I suggest that, on the long term, lockers would offset the costs of a jet engine rather than eliminate its feasibility, as the article implied. If feasibility, as the article implied. If space is the real problem, aren't we surrounded by space? Perhaps lockers could be made available to the entire university. With the ad-vent of perimeter parking and long cross-campus walks to class, I forsee a tremendous demand.

Brian F. Finnegan SGA Representative

Traffic light

To the Editor: A simple solution to the traffic problem mentioned in last week's editorial would be to reprogram the existing traffic signal. Delaying the green light to the southbound

GET HOLD OF YER

wes oleszewski

traffic on Clyde Morris Blvd.
would allow a left-turn period for
traffic turning into the E-RAU
main entrance. An example of this
system is presently being used at
the intersection of Beach Street
and Orange Ave.
With local municipalities catching the worst of federal, state, and
local budget cuts, a left-turn signal
would be just something to hope

would be just something to hope for. By reprogramming the present signal, a minimum of labor and money would be spent. That would ainly be more appealing to the inty Traffic Department than alling a complete left-turn signal.

David W. Thompson Box 1086

Klyde guestioned

To the Editor:

A Letter to Wes Oleszewski and
The Editors of The Avion
The past several weeks, the comic (?) strip "Klyde Morris" as

been attacking President Dan Goebel and his involvement in ac-quiring free weights and a weight room. During Dan Goebel's bid for the presidency of the SGA, the acquisition of a large weight room facility and the addition of free weights was one of his campaign issues. That he was elected is evidence that the student body appearant of a cap the property of the student body appearant of sea only this project. oved of not only this project, but proved of not only this project, but of Dan Goebel's other ideas and

of Dan Goebel's other ideas and commitments as well. It seems that Mr. Oleszewski is engaged in a personal vendetta against President Goebel. He is taking advantage of his position on The Avion to repeatedly express his own personal views, regardless of whether or not they are the general opinion of the students. The Avion should exercise more control and better judgement over what is printed. In this way is could earn the acclimation "The Award-Winning Newspaper of College Avaitation."

Matthew Daud, Box 6291 Joe Gspandl, Box 3336

CREATIONS taking entries

The second annual issue of "Creations" is now accepting en The second annual issue of "Creations" is now accepting entries from students, faculty and staff until February 2, 1982. This year the "Creations" staff will involve students in areas of layout, publicity, and the selection of articles. We encourage all interested students to get involved by the publishing of the campus literary magazine.

Entries may include poems, narratives or short stories that are limited to 750 words. Black and white photographs no larger tan 5x7 are also eligible for entry. The "Creations" staff will review all entries for inclusion in the magazine.

This version of E-RAU's literary magazine was initiated last year by the University staff of the AVION and Student Activities after several years without one. It was greatly received by the campus as a refreshing way for all to express their creative talents. Hopefully, this will continue to be an annual publication.

All entries may be submitted to either the AVION or Student Activities. Likewise, all interested students wanting to work on the publication staff may contact the same offices.

EDITOR IN CHIEF: NEWS EDITOR: LAYOUT EDITOR: PHOTO EDITOR: SPORTS EDITOR:

BUSINESS MANAGER: ADVERTISING MANAGER:
PUBLICATIONS COORDINATOR:
AVION ADVISOR:
Dr. John Scribner R.K. Smithley Greg Lundberg Rich Frankel Dave Frost

Bill Schrock Rob Dixon Jean Snyder Dr. Roger Osterholm

The opinions expressed in this newspaper are not necessarily those of the University or all the members of the Student Body. Letters appearing in THE AVION do not necessarily reflect the opinions of this newspaper or it's staff. All copy submitted will be printed provided it is not lewd, obscene, or libelous, at the discretion of the editor, and is accompanied by the signature of the writer. Names will be withheld from print if requested.

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Klyde Morris



EXCUSE ME.

COULD I ASK

A QUESTION?

YOU GUYS

THE PIPER SEMINOLE IS AN ESPECIALLY UNIQUE AIRCRAFT IN THIS AREA LET ME DEMONSTRATE BY CUTTING THE POWER ON THE LEFT ... SAUTER



COOKIES KID, WE'VE GOT A LOT TO COVER TODAY. "THE HEAT OF FUSION RE







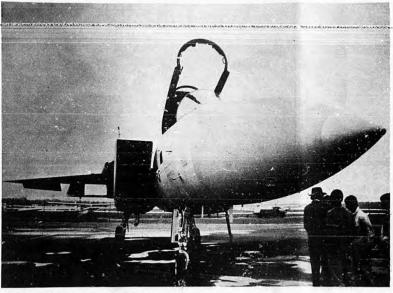






February 17, 1982 Volumo 40 Issue 5

The Award-Winning Newspaper of College Aviation



McDonnel Douglas F-15 at Riddle ramp

E-RAU students had a chance to view this high performance jet fighter last Thursday. The aircraft was flow by former Thunderbirds

Solar panels save energy

By Bo Alkaninis Avion Staff Reportor Five years ago E.RAU with help from a HUD (Housing and Urban Development) grant set out to see how feasible and practical a large scale solar water heating system could be. The estimated cost of the project is \$105,000 with the HUD rant allocating \$89,000 towards

the goal.

This experimental system was designed by Stottler Stagg and Associates engineers and architects then locally built by D.W. Browning. It was the first large scale use ing. It was the first large scale use of solar power for water heating in the area. The system has also generated interest in other institutions which are looking for energy and cost efficient ideas. Most of the bugs have been worked out and it is now being updated with monitoring systems to p concrete cost saving figures.

The system has been living un to The system has been living up to the expectations of our Physical Plant. There have been a few minor breakdowns of the pumping and valve systems but it has had no major problems which couldn't be handled by our staff. During this past Christmas break the system was modified to obtain more statistics about its operation. Extra monitoring systems, which record

data on magnetic tapes for com-puter interpretation, are to be in-stalled in the future.

The results will be translated in-to cost efficiency and savings. A definite report on the savings pro-vided should be done by next year.

The system uses solar panels built by Gulf Thermal Corp. from The system uses outer panets solid by Guil Thermal Corp. from Bradenton, Fla., in conjunction with the existing gas fired boilers. When the solar heated water returning from the rooftop is hot enough a pump provides circulation through the panets and the hot water is stored in a 3000 gallon tank next to the incehanical building by it tennis courts. The solar panels alone allow a temperature gain of approximately 70 degrees Fahrenheit. When there is not enough solar energy gain the gas boilers are used to provide the complete hot water needs. In efforts to keep costs to the

In efforts to keep costs to the students and University down, the Physical Plant's director, Phil Physical Plant's director, Phil Bird, is looking for energy saving alternatives for existing systems. Solar water heating for the academic and office buildings are on the drawing board now. Mike Nickell, superintendant of

(See SOLAR page 12)

SGA positions to be decided in March

It's again that special time of ear when banners wave and beeches fill the air. Debates bring speeches till the air. Debates oring forth promises (some sound and some silly), and voters rush to the polls. It's election time, and it is in-deed a very special time on cam-

Last March 11th, we experienc-Last March 11th, we experience the largest campaign ever in the history of E-RAU, as both voter turn-out and candidate participation reached record highs. When the poils were closed at 5 p.m. that day, President/Vice-President candidates gathered before election committee chairman John Glass for the results. "After the dust et-tled," the Avion reported, Presi-dent Dan Goebel poured char-pagne with close friend and the Vice-President Jeff DePaolis. (1) if Vice-President Jeff DePaolis (1 st was later forced to leave the ost which is currently being head by Arthur Benson, Benson was initially elected as a Representative-at-Large in the March '81 election.) It was a demanding race to the

end, and nobody expressed doubt over the relief they felt when it was over the relief they felt when a was finally over. Suffering the agony of defeat, proved to be a chore for some of us; especially the second place team of Kevin Pasternack and Bob Junge. After an ad-mirably planned and executed bid

Pasternack/Junge team was gently delivered the news that they had been defeated by only four votes. been defeated by only four votes, If you voted last year, your vote did indeed make a big difference. And it will make a big difference this year, so come out and vote! Better yet, come out and compete for a Student Government posi-tion. Here is whet a waitlighter.

tion. Here is what's available: President and Vice-President Court Chief Justice and

ive-at-Large posi-

tions.
"Each of these officials serves
on the Student Administrative on the Student Administrative Council as well as performs in-dividual duties on University Com-

mittees, SGA projects, student ad-vocation, ect."(from Letter to the Editor, February, '81). The elec-tion will be held on 17 March, but tion will be held on 17 March, but candidates must be registered with the SGA by 26 February-less than two weeks from today. In addi-tion, all candidates must met; the following criteria: must not be on diciplinary pro-bation.

must be an undergraduate stu-

dent pursuing at least 12 trimester hours at the Daytona Beach cam-

(However, there are exceptions to these rules. If you are interested in

one of the criteria, stop in and ask for special approval from the Elec-tion Committee. Such approvals have been made in past elections.)

have been made in past elections.)
SGA voting continued....
Candidates will be offered help in communicating their positions and ideas to the student body. Student Activities will provide a free banner to each President/Vicebanner to each President/Vice-President team, as well as free poster printing. The SGA will pro-vide 10 sheets of poster board, and more can be purchased in the book store. On Wedneday, March 10, a debate will be held so that teams may air their views before the stu-dent body in the University Center. For Representative-at-large can-didates, there will be a podium and microphone set up on Friday, March 12, so that Representativescan speak to the audience at tativescan speak to the audience at a time they may desire on that day. In addition to this help, the Avion will print articles free of charge for all interested candidates.

Should you decide to seek as SGA office, stop by the SGA as soon as possible and pick up the

necessary registration forms. If you don't run for office, be sure to you don't run for office, be sure to come out and cast your vote on Wednesday, March 17. Remember--your vote can make a difference! With your help we can make this the best election ever.

Renowned author and physicist lectures at University

By Jeff Guzzetti

By Jeff Guzzetti
Avion Staff Reporter
Last Wednesday evening at 8:00,
world renowned space physicist
Dr. Gerard K. O'Neill spoke in the
U.C. His presentation was entitled
"2081: A Hopeful View of the
Human Future" and was well

Human Future" and was well recieved by a surprisingly moderate crowd of about 200 students and faculty.

Dr. O'Neill is a Professor of Physics at Princeton University and is the President of the Space Studies Institute. He is a member of the steering committee for NASA's sance materials program and has

the steering committee for NASA's space materials program and has contributed successful inventions to diverse fields such as particle accelerators and air traffic safety.

Dr. O'Neill is also an experienced multi-engine and glider pilot. He is an award winning author and is the originator of the idea of constructine space colonies and utilization. structing space colonies and utilizing the vast resources of space. He wrote "The High Frontier" and wrote "The High Frontier" and has recently completed his latest book entitled "2081," which was the the topic of his presentation. O'Neill's inspiring lecture was presented in an informal, infor-

mative, and insightful manner and mative, and insightful manner and was supported by many visual aids. His subject dealt with the major technological developments that have occured and will occur in the next century. He explained that these developments will affect the lives of people of all nations and will benefit them immensely.

The O'Neill discussed in death

Dr. O'Neill discussed in depth Dr. O'Neill discussed in depth cach of what he termed the five drivers of change; computers, automation, space colonies, nergy, and communications. The famous physicist went on to explain how technological developments could make aviation a much more practical, efficient, and safe means of commercial and the and safe means of commercial and personal transportation. He introduced the idea of using satellites to accurately guide aircraft in all aspect of flight. With this radical, yet scientifically sound system, any airplane could be safely and accurately landed in any airfield or cow pasture in the world.

The Princeton professor then expressed his interest in flying and proposed that every family could own and operate an airplane in the not-so distant future. He called to-



Princeton physicist Dr. G. K. O'Nelli.

(Photo by Moshe Yuhda)

day's aircraft ''primitive machines' and presentented a slide of a small, turbo-fan, composite-built, computer-controlled airplane that would be a Canard design with wingles. He predicted that a simple aircraft of this type could be safely and efficient operated by everyone. cient operated by everyone.

With the enhancement of several color slides, Dr. O'Neill pointed out that in the future, we could work and live in the limitless, clean environment of space colonies, where we could harvest where we could harvest solar panels and satellites. The L-5 Acrospace Society, an organization here on campus, is based on three ideas. color slides, Dr. O'Neill pointed these ideas.

With the enhancement of several color slides, O'Neill pointed out that in the future, man could work and live in the limitless, clean environment of space colonies and harvest the boundless energy of the harvest the boundless energy of the Sun via solar panels and satellites. The L-5 Aerospace Society, a pro-space organization here on cam-pus, is based on these very ideas. These are only a few of the many ideas that Dr. O'Neill presented

with a hopeful attitude, The noted physicist also discussed fast, safe and efficient new forms of mass portation, the role of auto

(See O'NEILL page 12)

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"500" results

Student deaths

No Avion

February 21

Motorcyclists beware

EDITORIAL

One week ago today Vincent Saracino was killed when he was thrown from his motorcycle after colliding with a car at the intersection South Ridgewood and Beville Road. In a few precious moments Saracino's life was over, his career at E-RAU in Aeronautical S'udies anded, and most of all his family and friends left to mourn his death. Saracino has joined the long list of motorcyclists killed in Daytona Beach. Like most accidents, this one could heve been avoidable; instead, it became a senseless waste of life.

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Jack Anderson's Weekly Column

Soviets improve germ warfare

By Jack Anderson and Joe Spear WASHINGTON — Germ warfare is probably the most frightening of the so-called "conventional methods men have devised to kill each other. It is hidsous in a way that even poison gas or nuclear bombs can't equal.

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So the Pentagon is understandably concerned that the Soviet Union may have developed some new,
sophisticated forms of these "biological" weapons. The Russions may, in
fact, already have tried them out in Afghaniston. They may even have
given some so-called "microbe bombs" to their satellites and allies.

We reported earlier that U.S. intelligence experts believe the Russians
have used nerve gas against the guerrillas in Afghanistan. Recently intercepted secret cables, seen by our associate Dale Van Atta, indicate that
the Soviets may have used microbe bombs as well.

the convets may nave used microbe bombs as well.

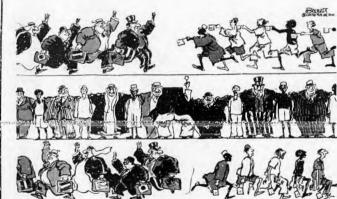
A top-secret Pentagon report mentions two Soviet satellite countries
that used chemical weapons provided by the Kremlin. The Vietnames uped poison gas against Meo tribeamen in Laos. Chemical weapons were also
used in the eivil war in Yenne in the 1960s. The Russians supplied the

used in the eivil war in Yemen in the 1960s. The Russians supplied the chemical weapons in both cases. The Pentagon is now convinced that the Soviets consider the first use of chemical weapons as almost routine. And U.S. nillitary leaders reason that the Russians might feel the same about biological weapons. One of the scariest developments is this: The Soviets may have perfected biological weapons that kill only those who are initially exposed to them.

In other words, the diseases kill, but do not spread.

The effect of such a weapon is obvious: It would mean that the Soviets could wipe out an enemy army, or an entire population, and then move in to occupy the territory without being worried about being infected themselves.

3



THE CALVING CONSTORING

letters

Thanks!

To the Editor: The Entertainment Committee would like to express their gratitude and appreciation for the constant assistance, cooperation,

support and service of the entire Physical Plant Division, especially to Clyde, Mary, Mike, Chuck, Carl and Phil.

Our gratitude and appreciation is also extended to the entire Security staff for helpfing us to serve the students to our fullest and in a safe manner, and to Epicure Food Service: staff and employees for their willingness and dedication. Thank you!

Box 3024

AMT lockers

To the Editor

In reference to Mike Gerhard's report on lockers at AMT this past week, I would like to note that I find it particularly unbelievable that anyone would equate a "jet engine for the students' lab" with .00 ''airport terminal type tockers." Don't you? To begin with, it is very impor-

PLUMM/T!

tant to realize that maintenance students PAY \$10.00 per trimester students PAY \$10.00 pet trimester for the privilege of occuping those hallowed vaults. With only 180 lockers, that's still \$1800 a term. In less than three years they will more than pay for themselves and begin to turn a profit.

On the other hand, buying a jet engine is quite a defferent story. The initial cost is very high and subsequent costs for parts and fuel will continue for the life of the engine.

I suggest that, on the long term, lockers would offset the costs of a jet engine rather than eliminate its feasibility as the article implied. If feasibility, as the article implied. If space is the real problem, aren't we surrounded by space? Perhaps lockers could be made available to the entire university. With the ad-vent of perimeter parking and long cross-campus walks to class, I forsee a tremendous demand.

an F. Finnegan

Traffic light

To the Editor:

TODAY.

A simple solution to the traffic roblem mentioned in last week's editorial would be to reprogram the existing traffic signal. Delaying the green light to the southbound

wes oleszewski

on Clyde Morris Blyd. would allow a left-turn period for would allow a left-turn period for traffic turning into the E-RAU main entrance. An example of this system is presently being used at the intersection of Beach Street and Ofange Ave. With local municipalities catch-ing the worst of federal, state, and

local budget cuts, a left-turn signal local budget cuts, a left-turn signal would be just something to hope for. By reprogramming the present signal, a minimum of labor and money would be spent. That would certainly be more appealing to the County Traffic Department than installing a complete left-turn freest.

David W. Thompson Box 1086

Klyde questioned

A Letter to Wes Oleszewski and The Editors of The Avion The past several weeks, the com-ic (?) strip "Klyde Morris" as

been attacking President Dar Goebel and his involvement in acquiring free weights and a weight room. During Dan Goebel's bid for the presidency of the SGA, the acquisition of a large weight room acquisition of har weight room facility and the ac ution of free weights was one of his campeign issues. That he was elected is evidence that the student body approved of not only this project, but of Dan Goebel's other ideas and commitments as well.

It seems that Mr. Oleszewski is manaed, in a personal vendette.

engaged in a personal vendetta against President Goebel. He is against President Goebel. He is taking advantage of his position on The Avion to repeatedly express his own personal views, regardless of whether or not they are the general opinion of the students.

The Avion should exercise more control and better judgement over what is printed. In this way it could earn the acclimation "The Award Winning Newspaper of College Aviation,"

Matthew Daud, Box 6291 Joe Gspandl, Box 3336

CREATIONS taking entries

The second annual issue of "Creations" is now accepting enrities from students, faculty and staff until February 2, 1982. This year the "Creations" staff will involve students in areas of aleyout, publicity, and the selection of articles. We encourage all interested students to get involved in the publishing of the cam-

interested students to get involved in the publishing of the cam-pus literary magazine. Entries may include poems, narretives or short stories that are limited to 750 words. Black and white photographs no larger than 5x7 are also eligible for entry. The "Greations" staff will review all entries for inclusion in the magazine.

review all entries for inclusion in the magazine.
This version of E-RAU's literary magazine was initiated last year by the University staff of the AVION and Student Activities after several years without one. It was greatly received by the campus as a refreshing way for all to express their creative talents. Hopefully, this will continue to be an annual publication.

tion.
All entries may be submitted to either the AVION or Student Activities. Likewise, all interested students wanting to work on the publication staff may contact the same offices.





Klyde Morris

YOU'LL FIND A GREAT

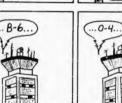
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Bill Schrock Rob Dixon Jean Snyder Dr. Roger Osterholm

The opinions expressed in this newspaper are not necessarily those of the University or all the members of the Student Body. Letters appearing in THE AVION do not necessity reflect the opinions of this newspaper or it's staff. All copy submitted will be printed provided it is not level, obscene, or libelous, at the discretion of the editor, and is accompanied by the signature of the writer. Names will be withheld from print if requested.

The Avion is a member of the College Press Service and the Cam ous News Dig

Published weekly throughout the academic year and bi-weekly throughout the summer and distributed by THE AVION. Embry-Riddle Aeronautical University, Regional Airport, Daytona Beach, Plorida 32014. Phone: 904-252-5561



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ROOMMATE NEEDED: Female: 1 bedroom, 2 bath house Beach side. 1/3 utilities, \$150 rent deposit. Will consider male. 252-3458, Box 5575,

Female roommale needed. Beautiful new lawrious townhouse. Fully carpeted, washer, dyrer, de kinhwaher, Fully female, and the washer, dyrer, de kinhwaher, Fully female, and in great Acronautical atmosphere. Only 1.5 mg. de from scaool. Need your own bedroom set and you have your own room. Apartimos with two others. You rent is \$130 monthly plus 179 utilities. Cell 761-394 mornings or evenings.

PRIMITATE WENTEN THEFATAMEN apartment at Snapfinger Woods. It is close to ERAU and has a pool and tennis courts. Rent is \$105 per month plus 1/4 utilities. Contact through ERAU Box 6439.

Female looking for place to rent with other females only. Need something in Daytona Beach immediately!!! Please call 255-9941 any time and ask for Tracey.

FEMALE WANTED: New and beautiful 3 bedrooms and 2 bathrooms house with garage located in Port Orange excellent neighborhood. Rent is \$166.66 pr month plus 1/3 utilities. Also last mucht rent with security, total \$239. For more information call 778-9405 or write to Box 6910.

miscellaneous

AUTO WORK- Very reliable and low priced. I sam an ERAU student and experimentanic. I am days a VW specialist, but I do work on most American cars, too I do work on most American cars, too I do work on most American cars, too I do work on temple work funding time-tups, carbon set only work on the top of the company of th

FLIGHT INSTRUCTION- Pvt., commercial, instrument, CFI, CFII. All benefits of flight school. Complete grownd school facilities. Aircraft include C-152, C-172, Mooney Ranger. Prices very competitive. Call Jack 253-2141 or Leave a note in Box

SHARE IN THE MONEY- If you frequent Burger King or Winn Dixie, I need someone to share their Burger King ''21" game cards, King of Hearts for \$21,000 or the ten of diamonds for \$210.00.00 or the ten of diamonds for \$210.00.00 winn Dixie biggo numbers: on the \$1000, the number 6, on the \$100, the number 1, 6, and \$6, on the \$100, the number 1, 6, will split winn-ings down the middle . \$3558 Box 1288.

FLIGHT INSTRUCTION- Private up to CFII. Excellent price. \$30 dual, \$24 solo. Contact Tim at Box 3473 or phone 788-9664 alter 4:00 p.m. Daily.

LOST- Wallet with all ID cards. Will ap-preciate the return of at least ID cards. If you find any, contact Rogy. Phone 255-2211.

ATTENTION PHOTOGRAPHERS: 1 need to borrow a telephoto or fixed focal length lens of 200mm or more. 1 have Pentax equipment so the lens would have to be adaptable to Pentax camerax. The date I need to borrow it for is the Nov 4th Space Shuttle launch. Am willing to remy your lens for a reasonable rate. Contact at Box 6018 or leave a note in Avion Office.

WANTED: A Feenwankel with au

NEED HELP in MS 611 "Quantitative Methods?" Call me 253-6194. David.

NEEDED- Pilot or passenger to share ex-penses (\$275) on a flight to Michigan over Thanksgiving in a Piper Warrior. Pilot can fly as P.I.C. Call 258-7600.

FLIGHT & GROUND INSTRUCTION-

Tired of being broke or burely making do? Hiring ambilious people for part-time work, Incomes of \$500 weekly and up are average for our company. We train you and even pay you during this period. High potential for promotime. Car is needed, For more information call. For at 767-4484 after 7:00 p.m. Don't pairs this one up!

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AUTOMOTIVE MAINTENANCE- Any type work. Any type car Lowest rates aviainhle. Contact Kevin at 253-75/5.

Need some stereo equipment or related items for Christinas giffis? All brand new-warranties included. Beat any price in Daytona. Just above dealer's cost. Large selection. Pioneer, Technics, Ph.nasonic, Sanyo, and more! Contact Rick at 253-6875 or Box 1-215.

WANTED: Ride to Vermont over the Christmas Holiday Leaving after exam week, Want to split expenses. Please drop a note in Box 6371 if you are going up.

NEED RIDE to New York City area for Christmas break. Will split costs. Contact Gent, Rts. 248, Dorm II or drop note at Box 7791

NEED A RIDE from Orlando Interna-tional Airport on 29 Nov. 81 (p.m.) (Sun-day after Thanksgiving) will share ex-penses. Contact Jude at 253-9308 evenings.

LOST- TI-30 calculator with blue case. October 6 in room B303 between 1530 and 1625. If found please contact ERAU Box 7468 or call 258-6721.

FOUND- in GRW complex: 3 pairs of prescription glasses, 1 set of keys (including motel key) with Carnero Skiburn key chains (found in rm H120), 1 manual and 1 tex-

I misplaced a pair of sunglasses at the flightline, I can identify, Box G213.

FOUND An AVSTAR and prescription Calle Photo-influence of interference of AVSTAR. Box 1077.

And a special thanks as always to the mouse of my life.

of my int.

To George, Ron, & Tim,

Well the Brons "Bombas" do it agian,
leading the series 2-0, I guess it'll be a pretty
good World Series, but har's what happens
when you put two New York learns against
each other! Yankees to 81!!!

Cute, drunkard, lunaise are words to describe a multi-millionaise ERAM sudem who when to me of the right sounais. This internation playless two others, World be helpful if you could help my fig my family. Falcon 50 or 5000. If you rulps to proceed to the playless of the

To the Polock,

I'll share my house, my car, my Suzuki
my stereo, even Karen, but NOT my
girlfriends! The 24th will contribute to my
emotional recue, provided you can start
my up and we dou't get shattered!?
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Two people looking for a ride home and back for Christmas break. Are very willing to split costs, driving, ect. Leaving Dec. 10 for Wallingford, CT.

LEAVING DEC. 10 for San Antonio, Texas. Need I person to share driving ex-penses. One way analy. Know how to drive standard "arz-mission. Contact Daniel Beumpartner Box 3437 or 258-1327.

REDE NEEDED to Atlanta. Thanksgiving or any weekend. Will split gas, driving. Contact H. Issen, Box 7385.

LEAVING DEC. 10. Need ride to Baltimore, MD. If you have coom for another person, call me and leave a note. David Kotowski Box 7953 or 767-6681 Room 23.

NEED RIDE to New York City area for Christmas break Will split expenses. Con-tact Gene Rm 248 Drom II or Drop note at Box 7791.

"I DON'T CARE IF HE IS FROM "A GALAXY FAR FAIZ AWAY" THIS RAMP IS FOR RIDDLE AIRCRAFT ONCY!!

Driving 1-95 to Jax, 1-10 to Valdesta, and north to Atlanta on Nov 25 late or early the 26th, returning Nov 29th. Split costs. John Sadowski 788-1636 or Box 3506.

I need a ride to Pritsburgh, I'll be gone Dec. 10 and would like to come back around Jan. 1, Paul Box 2154 or 253-6455.

lost and found

FOUND- TI-55 in bookstore. Owner must identify. See brookstore cashier for more in-

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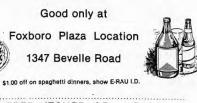
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Miller Lite-6 pk	2.35	Taaka-Itr	4.99
Michelob-6 pk	2.59	Walker's	8.49
Michelob Lite-6 pk	2.59	WHISKEY BLEND	
Heineken-6 pk	3.59	Jim Beam-Itr	4.99
WINE SPECIALS & MISC.	77 Televis	Black Watch-Itr	4.75
All Petri Wines-3 ltr		Old Thompson-Itr	4.99
(Same Vintners as Inglenook)	3.99	Philadelphia-1.75 ltr	8.99
All Carlo Rossi-3 ltr	4.79	* Grain Alcohol 190°750ml	7.99
All Gallo Wines-3 ltr	5.99	GIN SPECIALS	NO STO
All Riunite-1.5 Mag	4.99	Edinburg-itr	3.99
CANADIAN WHISKEY SPEC	ALG	1.75 ltr	6.95
Canadian Leaf-Itr	5.25	Calverts-1.75 itr	9.69
* Southern Comfort	5.99	Gordons-1.75 ltr	10.99
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RUM SPECIALS		BOURBON SPECIALS	40.00
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FREE ICE WITH PURCHASE OF		Hours 9:00-7:00	
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A photographic look at Daytona's history

Halifax Continued from page i

was a dormitory provided for the drivers and when Ford couldn't afford to stay there, he slept in his

car.

"Most of the cars were from England. Sir Malcolm Cambell set the last speed record here before the speed trials were moved to the salt flats in Utah. His last record was around 276 mph."

Koons remembers singing Christmas carols for John D. Rockfeller at Rockfeller's home in Ormond Beach and receiving a dime for his efforts.

"I need to see him (Rockfeller) or the golf course and I'd go over and stand around until hed course and I'd go over and stand around until hed."

give me a dime. A dime was a big deal back then."

Preserving the Memories

Koons would like to preserve these memories and the Halifax Historical Society would like to see him do it. While the Society has a membership of close to 600, there are only 150 working members. The Society meets once a month with board meetings on a more frequent basis.

They presently occupy a four story building on Orange Avenue close to Beach Street, which used to house the Daytona Beach News-Journal offices. The Journal donated the building to the Society.

RIGHT: A view of Beach Street looking North, arounnd 1938. BELOW: Mary Burke (according to the original photo's caption) dances on the beach in an early promotional picture for Daytona Beach.



BELOW: Airplanes first landed (and crashed) on the beach before an airfield was opened at Bethune Point, where the Marina Point condominiums are located oday, BELOW CENTER: A view of a successful landing on the beach. BOTTOM: A view looking south taken from the Main Street Pier in 1938. BELOW RIGHT: Portion of clipping from the Oct. 19, 1939 issue of the News Journal. (All photos courtesy of the Hallfax Historical Society).





Koons estimates that it would cost approximately \$35,000 to onen the first floor to the public.
"We'd need a certificate of occupancy and to get that we have to pass safety inspections. Once we get the place open and get people coming through here we can file for grants to help pay the costs."
But Koons needs more than just capital. "In need actual physical labor that can come in and help

catalogue the mountain of material we have stowed

actual physical another that can come in and nelpy catalogue the mountain of material we have stowed in the building.

Projected displays for the museum would include a racing memorabilia room that might possibly contain Sit Malcolin Cambells. "Bile Bird" in which he see many hard septed records of these sleep seems would include a room devoted to local politics, education, and one room that would deal with tourism and the hotels in the area.

While his job appears insurmountable at times, choice is consistent of the seems of the se



Believed to Have Left Daytona on Hazardous Flight.







