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HE AVIDN THE AWARD-WINNING NEWSPAPER OF COLLEGE AVIATIO EMBRY-RIDDLE AERONAUTICAL UNIVERSIT

### SGA OKTOBERFEST WEEKEND PROMISES SOMETHING FOR EVERYONE

The Student Government Association and E-RAU Vets Club will present a jam-packed weekend of "Oktober-fert" events October fest" events October 20-22, 1978. The events include:

FRIDAY, OCTOBER 20 -PUE 7:00 p.m. - 11:00 p.m. -Concert with the "Hungry Six" a real German Oom, Pah-Pah Band, German Beer Specials and Sing-Alongs. A



THE BLUEGRASS PARDNERS - Joe Bestrice - mandolin, Jim on Merrick - banio, John Thompson - base quitar. Pre



SUNSHINE BLUEGRASS BOYS.



RED & MURPHY AND COMPANY.

BLUEGRASS MUSIC FESTIVAL PRESENTED BY DECC & E-RAU IN COOPERATION WITH WELE RADIO FEATURING RED AND MURPHY & CO. BLUE GRASS PARDNERS & THE SUNSHINE BLUEGRASS BOYS. THE M.C. WILL BE CONNIE ROSE. DATE: OCTOBER 22, 1978 AT THE E-RAU STUDENT CENTER FROM 1 p.m. - UNIL. ADMISSION: FREE BRING YOU INSTRUMENTS, JAM SESSION AFTER PERFORMANCES! YALL COME NOW. HEAR?

great way to kick off the weekend! SATURDAY, OCTOBER

SATURDAY, OCTOBER 21 - Riddle Regatta - 11:00 a.m. - 4:00 p.m. - This is the annual tube race sponsored by the E-RAU Vets Club. Whe-ther a participant or specta-tor, don't miss this exciting race down the Halifax River. Registration begins at 9:30 am across from Massey Chrysler -Plymouth, on North Beach St. riymouth, on North Beach St. in Downtown Daytona Beach. First, Second, and Third place trophies will be awarded. Categories will be: Individual Two-man, Team, and Media. The Most Unique Raft Design The Most Unique RAT Design will also receive an award. For Information call the Vels Club at 252-5561, ext. 312 or 258-1863. Minimum age to enter is 18 yrs.

SATURDAY, OCTOBER 21 - SGA Movie - "The Wild Bunch" - 8:00 p.m., Univer-21 sity Center.

SOR OUTDOOR BLUEGRASS

the SGA's of Embry-Riddle and Daytona Beach Community College will combine forces to bring you an Outdoor Blue-grass Concert on the lawn next to the University Center. Continuing the "Cooperative Programming" between the two colleges, the aftermoon promises great bluegrass sounds from three live groups, some coid beer, sunshine, and special T-Shirts.

Boys. The Sunshine Bluegrass Boys have been together for over 5 years and have won many awards and contexts in-cluding the Grand Ole Opry Search for Talent and the most Promising Bluegrass Band for 1976. The group has releas-ed two albums, "In the Begin-ning and "Ripped Off".

a listen

INSIDE

CLASSIFIEDS

FRATERNITIES

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2

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CLUB NEWS

OPINION

SPORTS

The festivities got under way at 1:00 p.m. so set aside a Sunday afternoon for some footstompin' good times. The concert is free to everyone ... bring a friend!



October 18, 1978



DBCC-ERAU

## **Give Blood and Fly**

### By John Wrightington

A recent change in blood giving policy has given a new boost to the expectations of the Red Cross for their October 25/26th Blood Drive. Now you can fly dual arvtime after donating, and can fly solo 24 hours afterwards. Restrictions for both were 72 hours, severely limiting the number of potential donors. With a goal of 400 pints, the Sigma Chi Fraternity which sponsors the events, is very optimistic for even more. All organizations on campus are urged to stand together in support of this worthwhile cause. In particular, Lambda Chi Al-pha and Sigma Chi have given tremendous support in the past. The Blood Drive, orginally incepted in 1972 at Riddle by the Sigma Chi Fraternity, has proved as one of the most successful and longest sustaining programs in support of the Red Cross in Volnisa Couniy. Of course, the support of the entire Embry-Riddle stu-dent body is what makes the drive so successful.

E-RAU AND DRCC SPON.

CONCERT. On Sunday, October 22 the SGA's of Embry-Riddle and

Produced in cooperation with WELE radio, the after-noon will feature Connie Rose as M.C., Red and Murphy and Co., Bluegrass Pardners, and the Sunshine Bluegrass Boys. The Sunshine Bluegrass Boys have been to even but for

Among the fastest-rising young Bluegrass groups in this part of the country are Red and Murphy and Company. Their emphasis on close vocal harmony and instrumental pro-ficiency, their enthusians when they hit the stage, and their Concentration on entertainment concentration on entertainment have made them highly regard, cl by audiences throughout the southeast. Led by Red Henry, guitar, mandolin, and fiddle, and his wife Murphy Henry, who plays 5-string ban-jo in a hard-diriving bluegrass style, the group offors high-ly amusing monologues on subjects such as tourists, radio prayer shows, and moviemak-ers. These extended comments and stories help Red and Murhave made them highly regardand stories help Red and Mur-phy and Co. achieve their ambition to entertain. Give



Lucky you! Just because you have the good sense to remain in the Daytona Beach area this weekend, you have an opportunity to take part in one of the most exciting events to hit the Halifax River this year; THE RIDDLE REGATTA! Talk to anyone also her here invited in the sense.

Talk to anyone who has been involved in this insanity in the past and they'll tell you just how much fun this event really is. The Vet's Club has been organizing this event for six

The Vet's Club has been organizing this event for six years now, and this Regarkit promises to be the biggest yet. Proceeds this year will all go to the Daytona Beach Volunteer Fire Department. If you don't wart to enter the race yourself, but want to root ior your fellow students, then come down to North Feach St. across from Massey Chrysler-Plymouth. Watch representatives of the AVION staff paddle their way to victory under the guidance of CAPT. Klyde Morris. Remember, if you don't want to get wet, there are quite a few other things going on this weekend in conjunction with the OKTOMEP BESET.

a new other things going in this weekenu in conjunct with the 'OKTOBERFEST' celebration. The SGA has spent alot of time and your money provide us all with a way of forgeting that mid-t grades will be appearing in our boxes at any time n Get out and ENJOY!!



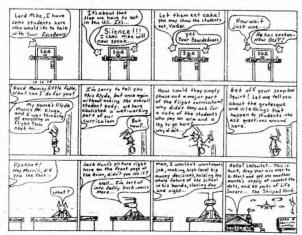
## Phoenix Yearbook Days Will Be Held In Front Of The U.C.

Thurs. Oct. 19

## Bring Your I.D.!!!

Should Have Attended Since Sept. 1977 THESE ARE GOING TO BE OUR LAST YEARBOOK DAYS

# Klyde Morris



#### EMBRY-RIDDLE AERONAUTICAL UNIVERSITY

TO THE EDITOR

Why does the "World's Foremost Aviation University" have the shoddiest grounds around? All anyone ever sees are patches of dead spots, over-

are patches of dead spots, over-grown spots, or sandy stretch-es of lawn. For a while, even the good spots weren't being mowed. All one has to do is to go over to DBCC and see a better kept campus.

Why are all the walkways between the academic buildings

between the academic buildings being watered? They get pretty slick when wet. When will E-RAU wake up, when some-one gets hurt and sues them? Next, the parking problem! It finally outgrew its inadequate bounds and secole parked in

WHAT'S HAPPENIN'

OKTOBERFEST WEEKEND: German Music & Beer, Concert: "The Hungry Six" · 7-11 p.m. -

SATURDAY 21st

SATURDAY, 21st The RIDDLE REGATTA - Huli-fax River - 11 a.m. - 3 p.m. MOVIE: "The Wild Bunch" -8 p.m. - U.C.

MONDAY, 23rd

MONDAY, 23rd Horizon Series: Assertiveness Training, 2-3:30 p.m. - FSL Horizon Series: Diet-Exercise Workshop for Women, 5:30 -7:30 p.m. - CPR. ODK Mtg. - 5-7 p.m., FSL

TUESDAY 24th

Karate, 5-7 p.m., CPR LOCAL ENTERTAINMENT

LOCAL ENTERTAINMENT P.J.'s - NIGHT WING, 17th, through 21st. FOOL STAR, 24 - 28th Other Place - ZACHARIA, 16th

Broadway Street Station fea-tures LIVE JAZZ Nitely.

SIGMA CHI PLEDGE CLASS

Win a T-33 Jet Ride. Draw-ing date is November 2, 1978, first prize is a flight in a T-33 Jet Trainer. Raffle tickets are on sale for \$1.00 from any Sigma Chi Pledge Class Phi members or at our table in the

REMEMBER THE EMBRY-RIDDLE REGATTA:

The Sixth Annual Halifax River Innertube Race, better known as the Riddle Regatta, will be held Oct. 21, 1978. For further information or questions about the regatta, please contact the Veta Club at the Embry-Riddle Veterans Inc. Rome Strem 252,5561

at the Embry-Riddle Veterans Used Book Store, 252-5561 ext. 312 from 9:00 - 12:00 noon dauy or E-RAU Box 4521, or call Joe Golinski, President, Vets Club at 761-5286 or Bill Dailey, Treasur-er, Vets Club at 258-1863.

FISHING TRIP NOTICE

The Sixth Annual Halifax

- 21st.

OKTOBERFEST OKTOBERFEST OUTDOOR BLUEGRASS CONCERT, Out side U.C. - 1 p.m. - Dark. Sigma Chi - 6-8 p.m. FSL

SUNDAY, 22nd BERFEST OUTDOOR

WHAT'S HAPPENIN'

By Ross Windom

WEDNESDAY, 18th Photography Club: 12 noon - 1 p.m. - CPR.

-1 p.m.: CPR. Horizon Series: Diet/Exercise Workshop for women. CPR - 5:30 - 7:30 p.m. with Ste-phen Morrow. Horizon Series: Re-Evaluation Counseling II, CPR - 7:30 -9:30 p.m. with Pete Denlea. Scuba Club: 6-7 p.m. - FSL Pub Concert with "Frangipani" -6:30 -10 p.m. - 6:30 - 10 p.m. Lambda Chi Alpha: 7 - 8 p.m. FSL

#### THURSDAY, 19th

Marketing and Development Question/Answer Seminar: 11:45 - 1:15 p.m. - FSL. Photography Club: 12 Noon 11:40 - 1:15 p.m. - FSL. Photography Club: 12 Noon - 2 p.m. - CPR. Karate: 5-7 p.m. - CPR. Chess Club: 7 - 10 p.m. Alpha Eta Rho: 8-10 p.m. CPR

FRIDAY, 20th

Photography Club: 5-6 p.m. -PST

................. -----

REMEMBER YEARBOOK DAY CONTINUES ON THURSDAY ALL DAY IN FROM OF THE UC.

PICK UP YOUR YEARBOOK IF YOU HAVE BEEN HERE SINCE SEPTEMBER, 1977. THIS IS YOUR LAST CHANCE

ATTENTION CLUBS AND ORGANIZATIONS:

Please have all information Please have all information regarding your club or organiza-tional activities to be put on the November calendar into the student activities office by no later than Oct. 20. We need specific dates, times, and places of all events.

Thank you, Nena Backer



#### wer olerzewski

You can still sign up for the Fishing Trip with the Sierra Club on Oct. 28th. On Saturday, Oct. 28th, On Saturday, Oct. 28th, students, faculty, friends of E-RAU and the Sierra Club's local group will be taking "The Happy Dolphin" out of Port Orange (berthed just north of the causeway) at 8.30 a.m., returning at approximately 5400 u.m. 5:00 p.m The \$25 fee includes tackle,

bait and crew of this 90-foot well-equipped craft. Bring your own lunch and beverage (al-though beverages may be pur-chased on board, if you prearminge to purchase same). This is great fishing wea-ther - the blues are running -

so come on and join us. Call Bruce BonFleur at the YMCA or Toni Hettel at Ext. 373 at E-RAU for more infor-

mati WE NEED PEOPLE WHO

CARE

Hotline of Volusia County is starting a training pro-gram Oct. 25 for volunteer phone counselors. If you have a few extra hours a week for this worthy, non-profit organthis worthy, non-profit organ-ization or would just like ad-ditional information give me a call: S. Markman, 258-7703 or drop a not in my Riddle Box No. 3195.



ing building and the Academic Complex. For a while, things worked out. No terribly long worked out. No terribly long walks to class, and it was act-ually convenient. So what if it wasn't paved. I guess Hr. Hunt got itred of showing his cam-pus off with cars on the grass, so now the area has been fenced off and re-restricted, and now we have a stretch of the beach right next to the "showbeach right next to the "show-case" Engineering Building. Why? Would it cost so much to pave it and have the addi-tional parking, or is the money needed elsewhere? Does the University have any plans, and if they do, will they ever tell 1157

October 18, 1979

S. Muschler Box No. 5414

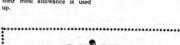
NOTICES

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PFM MEAL PUNCH CHANGE

Each meal will be given a number and is represented on the student's meal card by that number. Meals will no longer be punched 1,2,3,4 in sequence but will be punched or their represented number. Example: Surday breachert will be represented number. Example, Sunday breakfast will be meal number 1. Monday breakfast will be meal number 3, Mon-day lunch number 4, etc. Stu-dents will be allowed to est one number at a time until their meal allowance is used up.



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the avion staff

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Volume 30 Issue 6 October 18, 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. Timester Subscriptions - \$3.25.

# NASA CELEBRATES 20th ANNIVERSARY

NASTRAN. NASTRAN, a computer program developed for the decomputer. structures, is used sign of space structures, is used by the Department of Transpor-tation to improve railroad track and roadbed systems, and by the railroad companies to de sign new lines of freight and hopper cars to carry Ameri-ca's expanding coal shipments. It is also used extensively by architectural firms to design skyscrapers and sports stadiums as well as nuclear reactors and nuclear power plants to gener-

ate electricity. Supercomputers of unimag supercomputers of unhanger inable ability that evolved from the impetus of the space pro-gram are tackling problems that affect all mankind, such things as weather and chinate foreHeat pipe technology is al-so used in home furnaces to recover and recirbulate heat that otherwise would go up chimney flues, thereby reducing energy consumption. Similar heat recovery systems are being used in industry to re-cover up to 75% of waste thermal energy. Fuel cells and solar cells

that generate electricity to po-wer spacecraft show great pro-mise for down-to-earth used. Already, fuel cells are being employed at a number of lo-cations around the country to supplement conventional gen-erating screams. March 1997 that generate electricity to poerating systems. Windmills, ti-dal action and ocean tempera-ture differentials are being exploted as energy sources.

supporting a rapidly growing need for personal and business communications, ranging from disaster warming and education to direct facsimile news dis-tribution, extensive financial transaction systems and threedimensional (holographic) tel conferencing producing com-pletely life-like images of peo-ple in their normal office or home settings.

We should have sophisticat-ed, operational satellite sys-tems, to forecast the global production of major crops on weekly basis, to extend th a wear, range and accuracy of wear, prediction, and to study and monitor climate, natural re-sources and pollution on a more unheard of. sources and pollution on scale previously unheard of.

portable medical units which permit on-the-scene emergency treatment under the supervision of a physician miles away, artificial heart valves that r sist infection and rejection by the body snap-on snap-off arti-ficial limbs for amputees, re-chargeable heart pacemakers, new surgical instruments for the quick safe removal of eye cataracts, new procedures for the treatment of burns, eye-movement switches for paramovement switches for para-lyzed persons, biclogical iso-lation garments that provide a sterile environment for cancer patients undergoing chem-otherapy, and even a machine that lets blind people identify paper money. Space technology has

volutionized the computer field and elevated the U.S. to leadership in computer technology around the world. Today, com-puter systems needed to satisfy the awesome demands of space exploration are being adapted to a wide variety of business and industrial uses, including electric utility con-trol, oil field production and oil and gas pipeline transmisoil and gas pipeine transmis-sion. Minicomputers which made it possible for men to travel to the Moon and back are being used by banking and financial institutions, retail department stores, airline ticket offices and government agencie

If national priorities permit we can envision huge automatic satellites - miles in extent and hovering in geosyn-chronous orbits - to convert sunlight to clean electrical energy and to send it to Earth microwave beam, and a perby microwave beam, and a per-manent space station under-taking a wide range of activities such as medical and scientific research, assembly of solar po-wer stations and the manufacture of industrial and com-

Exploration of the plants will continue, probably not by humans, but by new genera-tions of instrumented space-ships which will be capable of ships which will be capable of landing on alien surfaces and returning samples to Earth. The search for extra-terrestrial life will receive added empha-sis, from Earth-based optical and radio-telescope systems and

from robot galactic probes. Beyond the year 2000 planners foresee even more am bitious undertekings: lunar bas 2000. es supporting scientific research of utilization of lunar materials from asteriods, commercial space transportation of people and goods, automated space-craft traveling beyond our solar system to the nearby stars, and

manned exploration and estab-lishment of outposts on the less hostile planets and natural zateilities of the solar system. Our adventure in space has

barely begun. Ahead lies the most exciting and rewarding era most exciting and rewarding eta in the history of man. And the clock is already ticking. The first flight test of the reusable Space Shuttle, the key to our future operations in space, will httpre operations in space, will be conducted next year. By 1981, the Shuttle will begin operational missions from the Kennedy Space Center, open-ing the physical frontiers of and enriching the tomorrow

human mind and spirit. October 1 was NASA's anniversary ~ only its 20th.



#### THE WILD BUNCH SATURDAY, OCTOBER 21, 8:00 p.m.

The Wild Bunch is one of Sam Peckinpah's most ambitious movies, imaginatuely conceived and stunningly executed. It is a gripping film about the savage West and the ruthless men greedy, clever, brutel and cruel - whose outlaw violence 10 or 15 years before would have been considered heroic. "The performance -particularly by William Holden and Robert Ryan - are faultless, and the film is one of the year's Lest, "Time Magazine." Artisti-cally, "The Wild Bunch' is an extraordinary accomplishment ..., goes beyond character - building and story - telling to vision - a highly personal vision of what man is and how he relates to his world, "Los Angeles Herold Examiner."... a bloodbath that makes "Boonie and Evded" seem times immedie of restanit," Flay-boy. One of the best westerm ever made novies, imaginatively conceived and stunningly executed. It is a

**OKTOBERFEST** 

- Saturday: Riddle Regatta

- Sunday: Bluegrass Festival

& Beer

with 3 bands

& 25 kegs of Beer!!

THIS - Friday: German Band

### (Drawing by Marc Thorner)

casting, management of natural earthquake detec

resources, enriquate detec-tion, pollution monitoring and medical diagnosis. Space Technology is also helping to safeguard the envir-onment and conserve natural onment and conserve natural resources. A resolutionary new sewage treatment plant began operation in Orange County, California last year, employing a tecnnology initially developed to improve the efficiency of rocket motors. The system ex-tracts solids from the sewage, then burns them to produce activated carbon which is used to filter the remaining fluid to litter the remaining futures. The only residue is a small amount of inert ash. Sludge, which is becoming a formidable problem for Ne York, Phila-delphia and other big citter, is virtually eliminated. The cleaned fluids from the systan can be returned to their natural environment and used

nature for drinking wates tional purposes. Another example of space technology at work for the benefit of everyone can be trans Alaska pipefound in the trans Alaska pipe-line constructed to bring vi-tally needed oil to the lower United States. To maintain the finely tuned balance of nature along the pipeline route, an efficient heat rejection device was installed to keep from melting the permafrost around the pipeline supports. The need was satisfied by heat pipes, there, al control devices used on the Skylab Orbital Workshop the Skylab Orbital Workshop d satellites

Alternate fuels used for space vehicles are being studied as a means of reducing petrole um demands. In one method hydrogen produced from the gasoline in an internal combus-tion engine is utilized to im-prove the engine's fuel con-sumption and reduce exhaust emissions.

Aeronautics, tco, has bene Aeronautics, too, has bene-fitted from space exploration. NASA has identified technolo-gies both near-term and those that can be ready in 10 years which could reduce fuel re-quinements of commercials jet quinements of commercials jet aircraft by as much as 50%. If these advances were incor-porated into the number of commercial aircraft flying in the U.S. today - about 2,100 - it would save nearly 350,000 humbher dil near due. Breed - it would save nearly actuated barrets of oil per day. Based on estimates of fleet size in the 1985-90 time period, sav-ings could reach as high as 12 billion gallons of jet fuel annuelly, or about \$3 billion code user. These savings will year. These savings will achieved through reduced be achieved in yough reduced weight, new wing and body de-signs that cut down on drag or air resistance, quieter and more efficient engines, new flight control systems and bet-operating procedures in e air, on the ground and in d around airports.
But what of the future?
Between nov and the turn the century, we will pro-ble see as enter ion for the set.

America's space program. America's space program, too, has uplifted man's physi-cal and spiritual horizons. Our Apolio program realized hu-manity's age-old dream of walk-ing on the moon. When astroaut Neil Armstrong uttered those

those electrifying words --"Houston, Transquility Base here. The Eagle has landed." - we became citizens not just of our globe, but of the cosmos. here. of our globe, but of the cosmos. Skylab, our first manned space station, strengthened our new-found cosmic tied by proving that humans could perform use-ful work and live in space for extended periods. It also gave us a peek at the promising re-wards to be realized from

wards to be realized from manufacturing processes con-ducted in the vacuum and weightlessness of space. Our grasp for the stars hav also produced bounties of ano-ther kind. They seldom make headlines. Nor do they sit the imagination like manued voy-ness to the moon or robot imagination like manned voy-ages to the moon or robot spaceships hurtling past distant worlds. Yet, their importance cannot be diminished, for they touch the lives of every man, woman and child on this planet.

They are by-products of the They are by-products of the space age such as pocket cal-culators, fire retardant paints and alloys that make automo-bile and aircraft engines run better, longer and safer.

They are medical advances such as electronic patient monitoring systems for hospital in-tensive care units, suitcasesized

(Drawing by Marc Thorner

gree.

bably see an extension of pro-

en concepts and technologies lready investigged to some de-ree. These include satellites



for \$3.75 and during Sunday for \$4.25!

T-Shirts will be sold all week

during the day in the cafeteria



Wear a T-SHIRT Sunday -Get a Beer discount

## WHAT'S NEW AT THE STUDENT HOUSING COMPLEX

The next time you hear someone talking about the Rac-quet Club, you might start asking about the availability of courts. When they tell you that there are no courts - but in fact there are no courts - but that there are no courts - but in fact, they should say the real name of this "club" is the new "E-RAU Student Housing Complex." The complex retain-ed the name Racquet Club un-officially from the days when it was a luxurious resort hotel. Strangely enough the complex located approximately three miles west of Clyde Morris on Route 92, was never opened to the schlin. to the public.

Rumors have it that a large Rumors have it that a large family owned the resort and used it as a place where family members would come to get out of the spotlight. That seems rather strange, seeing how the family wasn't in show business.

on oct. 18, 19, and 20.

needed!! Oct. 18 & 19

From 12 to 1 Oct 20 From 5 to 6

students, faculty, and staff are all invited. no experience

**INTERESTED** 

**IN PHOTOGRAPHY**?

so, there is a meeting in the c. p. r.

РНОТО

**3RD ANNUAL E-RAU** 

EMPLOYEES RECOGNITION

DAY PICNIC



dim I

sink unit. The price for each student is \$595.00 per trimeseach

ter. The rectangular complex encompasses a grassy court-yard with one of Daytona's largest swimming pools as the center of attraction. There are

(Photo by Henry)

Δ.

BBBC

also three gas grills scattered about the courtyard that are available to the residents of the d that are ents of the

available to the residents of the complex. Inside of the main build-ing you will find a TV room in the lobby and s game room with pool tables, a foos ball table, pinball machines and a juke box in the rear of the building. Upstairs is a confermeeting room that is nce. available to any student group or club through the office adistrator. The new Student Housing mini

Complex was planned to be an independent complex for upper classmen, but due to the fact classmen, but due to the fact that the present population is 90% male freshmen, the uni-versity decided to staff the versity decider to staff the complex to handle any prob-lens that might arise. The Uni-versity has done an excellent job. in preparing the housing complex for the fall term. They deserve a lot of ccedit for their efforts. There are still a few things to be finish-due but most encod things. ed up, but most good things

I WAS ONLY

INJURED A

FOOLING," IS NO ALIBI FOR HAVING

FELLOW STUDENT.

Shan/re



(Photo by Henry)

## ERAU EXPERIMENTS WITH SOLAR ENERGY

By John McCarthy Staff Reporter

Last February a solar retro-fit unit on top of the Dorm was completed and began heating water for the Dorm. Construct water for the Dorn. Construc-tion of the project, which took is months, was funded by the Department of ilousing and Urban Development. The project will be monitored to de-termine the usefulness of solar

termine the usefulness of solar collectors and the results will be sent to the Florida solar center. The unit collects the sun's energy from 100 flnt plate so-lar collector panels. Each panel (30 square feet) has a cover plate made of plass that has a better mode of plass that has a plate made of glass that has a solar transmission level of 91% - meaning that 91% of the heat absorbed by the glass is trans-ferred to the liquid passing trough the collector. Each panel veight 156 pounds and hold 84 gallons of waters. They are Minime of a sustain winds up to 130 mph. Although a collector can heat liquids up to 300 degrees F., the other parts of the sys-tem are only designed to keep water at 140 degrees F. Two storage tanks of 2,000 and 3,000 gallon sizes, circulate the water with that from the city. A gas fired boiler automatical-ly maintains the water temper-ature at 140 degrees F. Fred Willens, the Physical Plant Diature at 140 degrees F. Fred Willems, the Physical Plant Di-rector for Riddle, hopes to improve the system once he has been able to review its results for an entire year.

mounted on stationary brackets designed to sustain winds up to

Because this system has because this system has not been in operation for a full year, it is impossible to determine how efficient it is, and how much money it is saving. When this has been determined the results will be published throughout Florida

LOCAL ART TO BE EXHIBITED AT ERAU

and Bert Atkinson (Capt. USN

Embry-Riddle Aeronautical University will sponsor several exhibits of local artists and collectors during the fall and spring trimesters. Under the cospring trimesters. Under the co-ordination of Mrs. Gertrude Dayton and the E-RAU Board of Visitors, the program will include monthly exhibits in the E-RAU University Center. The month of October 2.30th will feature the monu-mental brass rubbings of Gay

and Bert Atkinson (Capt. USN Retired), 1783 John Anderson Drive. The brasses are metal plates placed on the surface of church tombs in England and date from 1272-1625. They take the form of the person consecutive and often in-the the children and pets

GREAT

expectrations

PHONE: 258-3555 \$\$2.50 OFF

LD.

+ includes shampoo, cut blow styling.

-NO APPOINTMENTS

NECESSARY

HOUR5: 10 a.m. - 9:30 p.m. Monday - Saturday 12:30 - 5:30 p.m. Sunday

OCATED IN THE VOLUSIA MALL

 deceased parents. Many of the rubbings in this collec-tion cannot be duplicated since rubbing is no longer permitted in many churches.

Mrs. Roger Leith, 225 Arragon, Holly Hill. A family hobby, the collection will include sea shells collected in the Daytona Beach area exclusively. In add-ition, a collection of shells from all the Florida shores will be archibited content of

from all the Florida shores will be exhibited courtesy of Dr. and Mrs. George McSween, 128 S. Halifax, Ormond Beach. The final exhibit of the fall trimester will be a series of watercolors by Carol Richard-son, 142 N. Beach, Ormond Beach. Ms. Richardson has stud-ied with Robert Johnson and Fred Messersmith of Stetson University. Her paintings re-ceived the top award for the Florida Watercolor Society in 1976 and 1977 and the Pa-tron's Award at the Southerm Watercolor Society in 1977. Watercolor Society in 1977. The date of this exhibit will be November 17 - December 15th

h. All of the exhibits will on display in the E-RAU iversity Center, Monday University Center, Monda through Friday, 8:30 a.m. 4:30 p.m. The community is cordially invited to preview of the exhibits. all



CLUB **RIDDLE ROUND - UP** November 11, 1978 1:00 - DUSK WesternStyled Olympics. Tug-of-War games **ANY HAIRCUT** Entertainment Food WITH RIDDLE Drink (Come in Western Clothes) at PONCE **DeLEON SPRINGS** 

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October 18, 1978



PAGE 5



age! Most people have spent a day at Disneyworld going on age: nucl people new spent day at Dinneyworld going on the rides and through the mo-tis, however, many don't go on to Walt Disney Village in Lake Buena Vista. You could pro-bably spend the aftermoon go-ing through the shops and res-taurants. And for a special oc-casion, try dinner on the Em-press Lily, a beautiful show-boat docked in the Village. Al-though you can expect to spend §25 on a dinner for two with a couple of drinks, the food is of the highest quality and the atmosphere is a nice food is of the highest quality and the atmosphere is a nice change from the ordinary here in Daytona. Just follow I-4 on past Orlando and exit at Lake Buena Vista, approximate-ly an hour from Daytona. If you spend an aftermoon, even-ing, or both. I'm sure that you will enjoy yourself!

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For



Last weekend was a very usy one for the Eta Iota hapter of the Sigma Chi Fraternity Friday, the 13th, our little

Friday, the 13th, our little listers Rush party was hold. We received an average turnout and a possibility of 10 new pils in our program. Saturday our little sisters held a spaghetti dinner at the house with a great turnout. The

meal was fantastic. We would like to thank the little sisters or an excellent dinner and a

for an excellent dinner and a cool time. Sunday our football team was back in action for its third game of the season. The game was hard fought and the support was immense. Even though we howed in defeat to the Vets Club, our team has nothing to be discouraged about. Even though we are now 1-1-1 we are still a team who has to be

**DELTA CHI** 

This past weekend turned to be another big one for Delta Chi

Delta Chi. Friday started the weekend with another Happy Hour. Although not everybedy was there those of us who were iid enjoy ourselves. Those who

id enjoy ourselves. Those who even it were spread out all over florida entertaining lady frends. I would venture to say hey also enjoyed themselves. Saturdny we celobrated our Founder's Day at President funt's Day at President funt's The occasion was for-nal, the food excellent, and ne company great. A big thanks goos to I.e Clements, our social chairman, for all

reckoned with. This wee score: Sigma Chi 0, Vets week's score: Sigma Chi 0, Vets - 8, Lately our scholarship pro-gram has been on the rise due to a study program two nights a week at the DBCC Library. All pledges and brothers are welcome to attend. 1<sup>°</sup>II be looking forward to seeing all of user three you there.

The week of the 23rd there will be a Red Cross Blood Drive at the University Center. We will be there helping out and hoping to see everyone

and hoping to see everyone give blood. Next Saturday our chapter will hold a Greek Toga party for the brothers, piedges, and little sisters. So far this party lo\_ks like one of the highlights of the trimester on the social calendar. Let's have a super turnout turnout.

If there are any questions concerning Sigma Chi or any of our activities you can get more information by celling 252-2217 or just by dropping over. We are located at 520 South Ridgewood. Our door is always open.

the work he put into the event and even with a couple of stubling blocks he turned Satur-

stubling blocks he turned Satur-day into a fantastic evening. Sunday we gave our pledges (20 strong now) a chance to prove themselves. With a little more work they'll do just fine. This week's "Chi" award

This week's "Chi" award goes to brother Curt Hathaway. Curt gets the award for his work in designing the first metric numbering system, to be used in marking runways. Sunday turned out to be a

Sunday turned out to be a

Sunday turned out to be a good day for our football team. We won our first game against Lambda Chi. Hopefully we can continue this streak for the rest of the trimester. Next weekend our sailors will be in the Riddle Regatta (hopefully Sober).

they went waterskiing. But these brothers, being brothers of Lambda Chi Alpha, went with a twist-au natural! Girls you didn't miss a thing.

Saturday night was also interesting. Our education charman held a bartending class. This gave the brothers some education in the correct method of mixing drinks. The class was quite successful for the students but they still don't know how to bartend.

On Sunday we played Del-ta Chi in a rough game of flag football. We lost only 12.8. We scored by a pass from Jim Drepala to Charlie Huber and a safety. I thought this game a second prior interested for game standpoint of aspectator. I do not think it is right to have referees ref a game when they belong to one of the teams playing. I think that this can push the game ico one side of favor. I also did not like the attitude that some teams have of tackling a tran in-stead of taking his fing. I think that it is a poor meriod of vinning a game. Look for us at the Regath because were having two teams raciog. This means first and second place. was rather interested from the

raciog. This second place.

SCUBA CLUB By Jim Geise

Well, I'm back again. Last Sunday the Scuba Club headed west on one of their better west on one of their better dives. There were six diehard divers who ventured into the cold water at Crooker's Hole. The divers had a good time trying to find the hole in the middle of a river. Once inside the cave we discovered eels. middle of a river. Once inside the cave we discovered eels, catfish, and bluecrab. On the way back to the boat clock we started to clown around with the boats and as a result one of the divers fell out of the boat. Personally I think he jumped out en purpose.



## ARNOLD AIR SOCIETY

### By Timothy M. Robinson

It's unbelievable that we're It's unbelievable that we're already halfway through the tri-mester. One of our members, Bob Terbetaki is only two months away from his commis-sioning into the United States Air Force.

This past weekend, Bob and This past weekend, Bob and many other members of Arnold Air Society went to Miami and had a great time. According to Allan, not much was accom-pished, but when you're in Mi-ami, do you really expect any-ting to be accomplished.

It was the annual Comman-ders Call, this year located in Miami. There were briefings concerning Area Conclave next February in Atlanta, luncheon and dinner meetings, and regular group meetings.

After all of the meetings, our members hit the city of Miami. They found out that the Miami Playboy Club is

## **MARINES PLC**

The Marine Corps PLC is back in full swing. Tuesday the third of October the club had its officer elections. The results of the election were as follows; club. President by re-election is club President by re-election is Brad Prindle, an aviation man-agement inajor with prior Navy enlisted time with the F-14 program. Brad upon graduation will enter pilot training in the Marines; club Vice-President is

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is to let everyone know that the Scuba Club will be partici-pating in the Riddle Regatta as a team. We are putting our best divers on the raft so we plan on coming in at least, in first place, It should be a fun weekend for all so we will see you there. The Scuba Club has an

The Scuba Cub has an important meeting today at the E-RAU Swimming Pool at 6:00 p.m. We will all be doing ditch and receivery. Buddy Breathing, free ascents and life saving procedures. All students are welcome to come and see are welcome to come and see what all divers have to know hefore they are given their

ratings. The Scuba Club is also try-ing to get the Red Cross to come to our meetings and show us how to do mouth to mouth, CPR, and drowning techniques. This will be beneficial to all This will be beheficial to all divers and anyone else. This training could save the life of someone you know. I will keep the student body informhen the meetings occur. ed The last message of the day

"alive and well." Allan cele-brated his twenty-first birthday while he was there, two days earlier than it really was. While most of our members

While most of our members were enjoying themselves in Miami, some of us were left to toil and iebor in the hot sun. John, Randy, and mysel? pro-vided manpower to the J.C.'s. helping them with a haunted house in the Halifax Mall. Proceeds will go to the March of Dimes of Dimes

This coming weekend we should send nearly ten of our members down to the mail to put the finishing touches on the

put the finishing touches on the haunted house, it opens in six days, next Tuesday. The Road Rally committee has run the course and decided it is suitable for a great road rally. Committee members, along with regular members, are really looking forward to the rally the rally.

the rally. Piedge Class - The piedge class is finalizing plans for their upcoming projects. They clearly have an idea of what they want to do, putting finish-ing touches on these plans is all it will take. Just a little re-minder the defendence interminder to the pledges - inter views are rapidly approaching!

Clint R. Balog, an aero-studies (avionics) major. Clint is going to enter the Marine Naval flight officer program upon his gradu-ation: Treasurer for the PLC is K.M. MacDonnell, a major in aero-science and marine re-serve time. Kevin will enter the aviator program upon his

graduation; and the PLC Secre-tary is Harold D.Muth, Jr. He is a aero-studies (Engineer) major. He has completed his OCS Junior increment and upon his graduation he will enter the Naval flight Officer Program. Good luck to the new club officers

The Marine PLC, Oct. 10th The Marine PLC, Oct. 10th had a fornal dress dinner.Maj. R.C. Slack of the Marine Corps Officer Selection Office was there to brief the club on its upcoming events. That is the

ejection seat check and atmos phere training session in late Oct. at the Marine Air Training Detachment in Jacksonville, Fla. Also Major "Bear" Wilson - a pilot of a A-H of the VMA-142 attack squadron from Ma-rine Air Training Detachment Jaci'sonville, Fla., was the guest sneaker. sneaker.

One last item, the PLC has many more events and guest sysakers coming in the rear future. All are velcome to the PLC meetings just look for memos on the U.C. Bulletin Board for time and dates. Also our football team will be able to help other teams who are not doing as well as us? Keep having fun.





XA

all the brothers of Lambda Chi Alpha would like to congratulate these brand

By "Glide

new

First

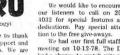
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new associates. Ken Barret, Pete Coulon, Ali Eskandary, Ken Klutz, Tim Nares, Jim Patrick, Al Tanguay, Mike Barret, Val Escobar, Sandy Huriburt, Luis Izaguirre,

Sandy Huriburt, Luis Laguirre, Rick Pinar, Darryl Ramson. Now that the formalities are over I'll fill you in on this last weekend. Saturday was our practice for the Riddle Regatta. It started out fairly with a well designed roft and a time, creaties. But after the

tiring practice. But after the practice the fun began. After a barbeque two brothers de-cided that it was too hot so

casting to the ERAU Apartcasting to the ERAU Apart-ment Complex housing, via common carrier. Free music will also be provided to the  $U_sC$ , pub on an announced basis.<sup>25</sup>



CAMPUS

CLUBS

our listeners to call on 252 4032 for special features and dedications. Pay special attendedications. Pay special atten-tion to the free give-aways. We had our first full staffed meeting on 10-12-78. The DJs had a chance to match wits and

and a chance to match with and egos with one another. We have officially starting our "Holiday Ride" - listing. If you are planning on going home for the holidays - call

home for the holidays - call us if you have or need a ride; or just listen to the current list of destinations. Each day at 8:00 p.m. we will be announcing who is going where - when or how much? The rest is up to you.

much? The rest is up to you. We are still expanding so if you missed the first DJ audi-tion stop by the station. Ob-serve, learn and join up? The pool party was enjoy-ed by everyone aike, and even a little disso made its way through the speakers. We would like to see organization heads utilizing all of the campus utilizing all of the campus facilities, so don't forget WERU ninties, so don't lorget WERU Are You. This weekend's special will the musical version of War the Worlds - featuring Ri-urd Burton numator, David chard Essex, Justin Hyward, just to name a few. So tune in at 8:00 p.m. for 160 minutes of uninterrupted mu



EMBRY-RIDDLE AERONAUTICAL UNIVERSITY

# AFROTC

### By Daniel Woodward

What has 40 legs, the best record since the world was flat, and far too little support from the sidelines? Your footfrom the sideline? Your foot-ball team, of course. The team has won three in a row this year, most recently a slightly frozen and very hungover Sun-day morning forfeit courtesy of "The Northeast Express." No doubt, next Sunday will be

another victory, so get out and throw your support behind the team. A little teamwork on the sidelines makes teamwork on the field a lot easier. The Arnold Air trip to Mi

The Arnold Air trip to Mi-ami went off without a hitch over the weekend. The right mixture of work and party made the trip a success. Ask some of the members about Arnold Air, it may be right for you.

If we work together, the corps will become the best it possibly can; the best in the United States; so keep working!

# **RIDDLE SKYDIVERS**



PARACHUTE CLUB NEWS - Chris Me as Mike Ruganis celebrates his first jump. Chris Meyer helps with equipment

#### By Gary MacFarouhar

Last Wednesday's meeting wed fruitful and we elected our new officers for the 78-79 school year. 1978

Doug Benson will be heading the club as our new president, assisted by Kevin Keenan dent, assisted by Kevin Reenan in the veep position Books will be kept by Peggy Terrill and Gary MacFarquhar will and Gary Macrangunar will keep the general paperwork in order as Secretary Best wishes and congrats to all the new officers - this years club's success will depend on your hard work and perseverance

Other topics discussed in clude fund raising to pay for club projects and parties and tentative scheduling of a par-ty on November 11. Keep ty on November 11. Keep your eyes peeled for bulletins concerning upcoming parachute

club events. The weekend before last in-cluded a number of firsts for various club members. Hank McConnell stole the show with a malfunction on the Para-Commander he was jumping (Jerry Novak's). He cut away and got a good reserve. Bravo and hard core!! Chris Meyer went out of the DC-3 with an assortment of people and got his Starcrest (SCR) for being an eight person formation, went out of the DC-3 for my first jump under a square canopy. We also had several fall status. Beer was bought in liberal quantities and we in noeral quantities and we started a party at DeLand Airport. It progressed to the apartment of Doug Benson and Jay Cunningham. The sagas of drunkenness sand kidnap-ping that followed will long be emembered in the angle of remembered in the annals of **Riddle Skydivers** 

Last weekend went well, too, with still more students advancing themselves to longer free fall delays.

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Whore every bite is a delight"

Hopefully the skydivers will have at least one raft in the upcoming Riddle Regatta. Stay tuned for more information on that or watch us this weekend! Stop in at our meeting one week from tonight, 8:00 p.m. in the faculty staff lourge, if

you are interested in getting involved in the club and jumping.



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## CO-OP NEWS

By Paul Woodsum

The primary capacity for which I was employed this summer at Westair was to serve as an Airframe mechanic for the forility. We which for the facility. Westair's ser-vice manager John Pfeiffer hired me, acted as my consultant, and intelligently supervised my work. I am indeed grateful for his valuable instruction in the basic aspects of general avia-tion. Mr. Pfeiffer not only tion. Mr. Pfeiffer not only gave me many and varied Airframe 100 hour inspections to perform, but he also gave me supervision during some basic power plant work on samll single engine aircraft.

Another valuable benefit I ceived was a small amount experience with the FBO's aintenance office paper work. If business ever was slow, I would give Mr. Pfeiffer a hand in organizing and revising the micro-film plates. Other of-fice work included applying service letters and bulletins to

our aircraft and a few other maintenance oriented tasks. This summer's practical ex-perience has begun a vital preparation for my career in aviation. Through the application of the Maintenance program teachings at Embry-Riddle to the "real world" aircraft at Westair, I have built a strong foundation for further study at school.

\*\*

Working as an Airframe mechanic I not only was able to follow the strict rules of inspections, but I also was faced with many technical faced with many technical discrepancies that needed corrective action. The most com-mon repairs that I made were: fiberglass, hydraulic, theet me-tal, and electrical systems I fibergiass, hydraulic, cheet me-tal, and electrical systems I constantly applied the basic techniques and theories I have learned at school to accom-

low the service manual wiring diagrams because of my exper-

diagrams because of my exper-ience in Electrical class. Many times this summer ai-tuations similar to these acous-and with each one I learned a great deal about applying the principles of aeronautics to the situation. I also learned the importance of working with others, such as mechanics and pilots, in an effective and safe way The experienced mechan-ics were able to show me parti-es were able to show me partipla ics were able to show me parti-

cular problems that were abun-dant on particular aircraft. The pilots were able to myse-their views about certain operpilots were able to impart ating I must stress the fact that

this cooperative education proand cooperative education pro-gram is making my college ex-perience reassuring, complete, and rewarding. Now 1 feel satisfied that my future em-ployment will be secure.



PAGE 8

**VTSB REPOR** 

The National Transporta-tion Safety Board (NTSB) reported, Sept. 25, that the al-ways dangerous combination of extreme are verweight and ex-treme aft center of gravity caused the crash of a Cessna 00.8 et K-expedia. 402-B at Knoxville, Tennessee, on March 11, 1978.

on March 11, 1978. The plane pitched up un-controllably shortly after take-off and then erashed on the runway at McGhee-Tyson Air-port. The plane was substan-tially damaged, but the pilot, the only person aboard the aircraft, was uninjured. In determining the probable cause of the accident, the

cause of the accident, the Board cited "a loss of pitch cause altitude control during and the takeoff climb because of the extreme overweight and extreme aft center of gravity conditions of the loaded aircraft.

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But the Board also said the pilot "exercised poor judgment in initiating the flight with a known overweight condition, and was cardessly inadequate with regard to his preflight planning." planning.

with regard to be plengas maning." The Board's investigation shot i the pilot was told he was nsporting 50 sheets of plexic, s., each measuring 36 by 84 inches; and his pre-flight information listed the cargo weight at an estimated 1,692 pounds. The pilot made no weight calculations of his own, and checked only to determine whether the cargo configuration of the 402-8 could accommodate the phys-ical dimensions of the plexi-plans sheets. glass sheets.

The Board's investigation also showed the aircraft actu-ally carried 51 sheets of plexi-glass and the true cargo weight

was 1,768 pounds. The total weight of the aircraft at take-off was 6,916 pounds. The off maximum certificated takeoff weight for the Cessna 402-B is 6,300 pounds.

In loading the aircraft, the pilot said he had placed the cargo as far forward in the cacargo as tar forward in the ca-bin as possible. But he admit-ted that when he placed his weight on the rear cabin pas-senger steps to board for take-off, the aircraft tipped noscup and came to rest on the tail tie-down fitting and had to be solution. In feet, the aircraft's tie-down fitting and had to be righted. In fact, the aircraft's center of gravity was 2.94 inches aft of the rear allowable limit. But the pilot, who holds an Aitline Transport Pilot Cer-tificate and has logged a total of 6,789 hours, said he was not aware of the effects of grost weight and the center of gravity on the performance of an aircraft. In critizing the pilot for his poor judgment, the Board said

boor judgment, the Board said they believed that "a prudent and competent pilot" would have been able to insure the basef loading of the aircraft based on available data.

THE CHALLENGER CL-600 TO GET GOODYEAR CARBON BRAKES

AKRON, Ohio - The first executive jet equipped with car-bon brakes - the Canadair Challenger CL-600 - will get twice as many landings with a new generation of carbon disks developed by Goodyear Aero-space Corporation. The carbon composite disks

will provide a minimum of 1,600 landings, "a significant 1,600 landings, "a significant improvement over previous gen-eration carbon brakes," said Robert W. Clark, Goodyear Aerospace vice president. Goodyear, which pioneered use of carbon composite brake aider previously her supplied

disks, previously has supplied them for military aircraft in-cluding the Air Force's F-15,

3 - 1976 PIPER WARRIOR II 1 - 1976 PIPER ARROW III - IFR - AIR CONDITIONING 2 - 1977 PIPER LAROE - IFR 1 - 1977 PIPER LAROE - IFR 1 - 1978 ARCHER II - IFR F-16 and B-1. It also will supply

wheels and antiskid systems for the CL-600, which now is in initial production at Montreal, Quebe

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Canadair opted for carbon.
Steel brake disks would have weighed 58 pounds com-pared to only 26 pounds for the carbon, and would have ovided only 600 landings

The Challenger also will be equipped with a fully mo-dulated Goodyear antiskid systeni which adapts to all run-way conditions for maximum tire protection and minimum stopping distance.



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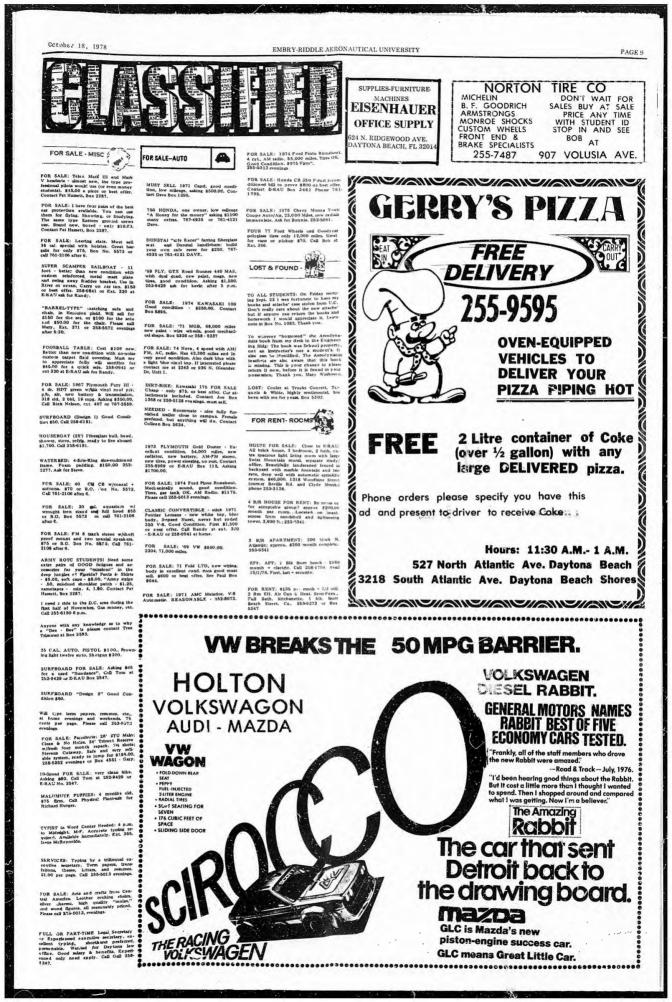
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(Photo by Henry)

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THE REAL PROPERTY IN



### By John McCarthy

## SUNDAY, Oct. 15

AFROTC. Northeast Express......0 AFROTC won this game by forfeit; Northeast Express are out of the league.

Hellcats.

Destroyers......0

In this incredibly lopsided contest the Goon Squad scored 7 touchtowns and 4 extra points and held the Destroyers scoreless. Gary Taylor real in points and held the Destroyers scoreless. Gary Taylor ran in the touchdowns - 20 and 10 yards, ran in an extra point, and threw a 30 yard pass to Greig Peith for another score. Russ Phillips ran in the touchdowns -score for fine yards ran in an each for five yards, ran in an extra point, and ran in an interception. Harry Mitchell hit Fredy Allan for a 20 yard touchdown and an extra point, and he ran in an extra point.

mbda Chi.....8 Information not available. Lambda Chi. . Vikings Raiders

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The Vikings scored on two runs by Ed Burns. Each for 25 yards; and John McCarthy threw a 40-yd. pass to Craig Towner and a 5 yard pass to Slaughter for an extra Bill 

The Gentle Giants scored touchdowns on a 5 yd. run by Burns, a 40-yd. pass from Csi-brik to Burke, a 50 yd. pass from Kothe to Burke, and in a 20 yard run by Csibrik, Kothe run in 2 extra points and Burke caught one from Csi-brik.

brik.

## 

leg by Bob Griffith. Mike Cloninger ran in an interception to score for KNK. Team standings will be published next week.

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## SOCCER TEAM WINS

By John McCarthy

Last Saturday the Eagles played their first home game of the season, winning 4 to 0. They had opened agai.st the University of Tampa the Satur-day before, losing 4-0, and had lost 1-0 to Florida Sou-there are inverted. thern on Tuesday

In the first half of Satur-In the first half of Satur-day's game against St. Leo's the Eagles had more control of the ball and kept it on the opponent's end of the field 90% of the time. Ten minutes into the game St. Leo scored when a forward dribbled past the ball defenders and kicked the the defenders and Roked the ball passed the goalie. Two minutes later ine Eagles even-ed the score on a goal by the center Bahman(Batman). Allan Benzar, the right wing, dribbled passed an opponent deep corner and passed in to an who kicked it in the in th Bahman goal

goal. St. Leo's almost scored when a shot hit the goal post and bounced out. Rambrusy, played left wing for the Eagles missed an attempt after drib-bling down the left side. Riddle misse. bling d scored its second goal when Ted Dracopoulos kicked a corner kick to Bahman who headed it into the goal. Before the

half ended both Dracopoulos and Bahman took shots at the goal, the former's over

the goal, the former's over the post by 2 feet. Both teams played better in the second half. St. Leo, who lost some of their more experienced players from last year, were more coordinated and used better teamwork than they had in the first half. The Eagles overpowered the St. Leos and made numerous shots on their goal. George DaSilva, playing inside left, missed a playing inside left, shot off to the left, missed a off to the left, Ron Asin, in as a substitute

at inside right, missed shows off to both sides, and had the shots stopped by St. Leo's

alie. Allan Behzar and George DaSilva missed shots off to the right. St. Leo's almost scored right. St. Leo's almost scorei on a penalty kick from 20 yards out which was saved by the Eagle's Goalie, Brian Meyer. Allan Benzar countered this with a kick that was stopped by St. Leo's goalie. Riddle scored when Allan kicked the scored when Allan kucked the ball from right corner to Bah-man who headed it in from in front of the goal. They scored again a few minutes later when Tom Tontoya kicked a penel-ty kick to Bahman who tapped it in from 5 yards out.

The Eagles defense was maintained by right fullback Jeff McManigal, left fullback Carlos Bocock, Austin Ofidile, weeper, and the Goalie, Meyer who had five the St Brian saves

On Sunday the Eagles played against Belmont Abbey from North Carolina and won 3-2. Frazier Burns scored on a 3-2. Frazier Burns scored on a free kick from 11 yards out, and Pete Klockenbrink kicked in the goals with assists from Ted Dracopoulos. Brian Meyer, the goalie, made 5 saves.

The coach, John Butler, attributed the losses to lack of experience. The players were not working together well enough to score in the first two games.

The Eagles next few games are: Tuesday -Home against FIT at 2:30 p.m., Saturday 21, Away - against Flagler; Tues., Oct. 24 - Home against Stetson - 3-30 p.m.

## BOWLING

After bowling on Sept. 28, there wasn't much to report except that John Richards lead the night with a 220 ganz and 575 575 series. Jorge Sanchez wied a 214 and Mark Wilson a b 212 Karen Czibik lead the with a fine 173.

Two weeks ago there were nine 500 series. Terry Shalan's 575, Rick Freeborn's 570, Jeif 575, Rick Freeborn's 570, defi Marks' - 567, and Franz Vo-gel's-563 were among the high-est. Jeff Marks also bowled the high game of the night with a 215, followed by Franz Vogel's - 210 and Terry Sha-lan's - 205, Robert Pata helped se his team's handicap increa wich his unmentionable 87.

Marilyn Sills guided her team to a first place tie. Picking up the 4-10 split, our over-worked secretary took the wo-men's high game - 191 and high - 502

returned to normal e exception of a few. the with the exception of a few. Mark Coccia trok the high game with a 249 and the high series with an excellent 606. Ken Barnett followed with a 209 game, then came Jeff Marks with a 203 game and a

Jamie Munoz wasn't b 73 series. Jamie Munoz wasn't to be left behind when he pulled off a 202 game and a 562 series. Karen Czibik once agein excelled with a 180 game and a 446 series.

thinking about breaking

BASEBALL SEASON BEGINS

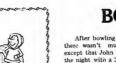
#### By Nelson J. Solari

The Embry-Riddle baseball Eagles have begun their "sea-son." Coach we Golinski and returning co-captains Nelson Solari and Ken Hauser started things off with a short organithings off with a short organi-zational meeting last week. At-tendance by approximately 60 students, including several re-turning starters, gave rise to the hope for a better year come February 1979. The first fall workouts started Saturday, and will continue through the tri-turne on Saturday and one or ster on Saturdays and one or

nts should contact eithe Golinski, Nelson Solari, or Ken Hauser through their school box number. Also, all pertinent information will be Joe Golinski, Box 5192, Phone

761-5286. Nelson Solari, Box 4227,Phone-258-5810. Ken Hauser, Box 2762, No.



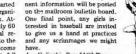


Last Thursday the high bowlers with 1 Mark

573 serie

trated his style with a remark-able 83 and his teammates

NC Sidewinders 5 - 15 Good-Bye A Go Go 5 - 15 his arm. See you all tomorrow and may your foot never cross the foul line. Record Retaliators 5 - 15





Chris Carouthers demons