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THE AVION

The Award Winning Newspaper of College Aviation

Volume 48, Issue 2

Embry-Riddle Aeronautical University, Daytona Beach, Florida

September 18, 1984



Dr. Luther Reisbig

Airton photo by Brian Korum

Reisbig steps in as Engineering Dean

By Geoff Murray
Dr. Luther Reisbig has recently assumed the duties of Dean of Engineering and Aviation Sciences. The position has been vacant for approximately one year, the position previously being held by Dr. Carl Lippold.

Dr. Reisbig comes from Western New England College (WNEC), located in Springfield, Massachusetts. At WNEC, Reisbig was the dean of a school of engineering. He has seven years experience from WNEC.

Prior to working for WNEC, Dr. Reisbig worked for Boeing, North American Aviation, and several other projects. In the 1960's, Reisbig was involved with the SI-B first stage booster for the Saturn rockets. Reisbig described his work within industry as "a fantastic, exciting time. A crash program to get men on the moon!"

While working at Boeing, Reisbig attended the University of Washington, working towards his Masters of Science in Mechanical Engineering. His

undergraduate work was completed at Michigan State University with a Mechanical Engineering Degree. After Boeing, Reisbig returned to MSU and earned his Ph.D. Dr. Reisbig's thesis dealt with "condensing vapor phenomena." His specialty is thermodynamics.

At Embry-Riddle, Reisbig's responsibilities will include management of the departments of Aeronautical Engineering and Aircraft Engineering Technology, Math and Physical Sciences, Management Sciences, Computer Science, Humanities, all ROTC programs, and Upward Bound.

For his first year at Embry-Riddle, Reisbig plans to "learn about the operations of the university and faculty." He considers the university special because it provides education in aeronautical enterprises. "Embry-Riddle has the traditional hallmark of excellence and has carved out a unique niche in the aviation community."

Satellite launch Friday

By Jeff Guzzetti
This Friday evening, Sept. 21, NASA will launch the Galaxy-C communications spacecraft from Cape Canaveral Air Force Station. The satellite will be launched during one of three "windows" on Friday: from 6:18 to 7:20, from 7:53 to 8:02, and from 8:36 to 9:56 p.m. The launch should be very visible from the beach.

The Galaxy-C satellite is owned by Hughes Communications, Inc. and is the third in a series of three spacecraft dedicated to cable television programming for-

the continental U.S. It will be placed in a stationary orbit (22,300 miles above the equator) and has a design lifetime of nine years.

The satellite will be thrus into space aboard a Delta rocket, which is powered by Rocketdyne RS-27 engine augmented by nine Castor IV strap-on solid rockets. A PAM (Payload Assist Module) will act as the final stage to boost the Galaxy-C into its proper orbit.

A complete post-launch report will appear in next week's issue of the *Avion*.

Sigma Chi honored nationally

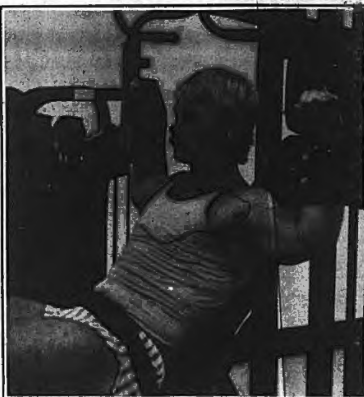
The Sigma Chi Chapter at Embry-Riddle Aeronautical University received the Peterson Significant Chapter Award from the International Fraternity at its 37th annual Leadership Training Workshop held at Kansas State University August 9-12.

The Peterson Award is the highest honor a Sigma Chi chapter can achieve as it recognizes outstanding performance in all major fields of operations, programs and activities. Each of the Fraternity's 188 active chapters is encouraged to apply annually for the award, and 61 won the distinction for the 1983-84 academic year.

The award was presented to the chapter's delegates at the Workshop where the members were involved in various lectures and discussions on ideas and methods for successful chapter operations, activities and scholarship.

The Sigma Chi Workshop, the largest in the Greek-letter world, is a four-day program which annually attracts more than 900 alumni and student leaders of the Fraternity from its 188 campus chapters in 43 states and four Canadian provinces.

The college or university where each winning chapter is located receives a donation for its counseling and tutoring program from the Fraternity's Foundation, which sponsors the award.



Mike Bauerfeind, an Aeronautilus Fitness Center student trainer, demonstrates the Double Chest machine at the new student facility.

Aeronautilus opens

By Arthur Eyzaguirre Jr.
Aeronautilus officially opened Thursday, September 13 after a ribbon cutting ceremony. Present were Miss Nautilus, Terry Jones, wife of Arthur Jones (the founder of Nautilus), Thomas Conrad-SGA President, Matt Moran-SGA Vice President, Director of Recreation Leslie Whitmer and Becky Robertson-Associate Dean of Students.

According to Mrs. Whitmer, the recreation department now has available memberships for

faculty and staff at \$40.00 per trimester. There are also student memberships available at \$35.00 each.

As stated previously, the center will be operated by Embry-Riddle students who were trained by Nautilus.

Those who have already joined have a performance sheet filed in the center. This is filled during the course of every work out and serves to show how one is improving in strength.

"Aviation has been good to me, and I owe it a tremendous debt." These are the words of A. Scott Crossfield, recipient of the National Business Aircraft Association (NBAA) Meritoflits

Service to Aviation Award for 1984. "I've had opportunities that are virtually story books." The award will be presented at the 37th NBAA Annual Meeting and Convention in Atlanta October 24, 1984.

Crossfield has been in the right place at the right time with the right stuff in an aviation career that started when he first soloed in 1936; continued as a fighter pilot in World War II; zoomed as an aeronautical research pilot and project engineer; crescended as a design specialist and chief engineer test pilot on the X-15; matured as a technical

director for research and test projects for space and as vice president in charge of aircraft development for an airline, and is now culminating as Technical Consultant for the House Committee on Science and Technology.

"My primary thrust all my professional life," says Crossfield, "has been to design, build, perfect and improve aircraft. I've used flying as a part of the science of building better airplanes. I was never a test pilot per se. The time in my life devoted exclusively to flying is relatively very little."

Most of his flying hours were accumulated as a military pilot. He was a fighter pilot on the carrier "Langley" during WWII and spent time in the Naval Reserve after the war piloting an FAU Corsair on a Naval Aerobatic team.

In all, he has had piloting experience in some 100 types of aircraft, amassing almost 8,000 hours.

Crossfield's hour totals, though not as great as some, are extremely choice by comparison. He made more than 130 air launched rocket flights, most of them

See Crossfield, page 4

Crossfield to receive NBAA award

Key communicator concept

Community Relations advancing

By Arthur Eyzaguirre Jr.
Embry-Riddle has named Lee Daniel as Director of Community Relations after the resignation of Walt Massey. After Walt Massey resigned to assume a position with his alma mater, Florida State University, Daniel decided that the office of development should push full thrust to foster good community relations.

Lee Daniel has assumed the position and is in the process of establishing goals to improve relations. Daniel stated, "there are so many areas we can expose the University to in this community". He would like to improve media relations; that is radio, T.V., and newspaper. He feels he can do this by working with students firstly to attain information about clubs and events, secondly by dealing with local civic organizations.

Daniel has an idea called the key communicator concept. This entails having contacts in the community who are prominent people with much exposure to other people and groups. Daniel

degree in business administration from the University of Kentucky, he worked for two years before going to graduate school at Ohio University. This was followed by an internship with the Indiana



Lee Daniel

feels that the best public relations one can have is on a one-to-one basis.

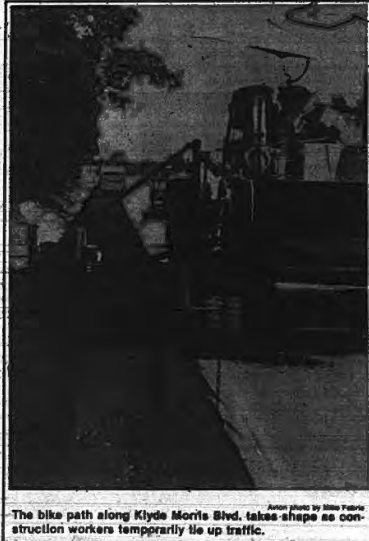
Mr. Daniel has been in the public relations field for many years. After receiving a bachelors

Pacers, which led to a job with the team.

At that time he was rewriting all the press releases and was offered to take over the public relations department. After five years with the Pacers, he worked two years for the Kansas City Kings in their marketing and P.R. department. He inquired about the E-RAU job while visiting his parents who live in Ormond-by-the-Sea.

Daniel feels that his job here at Embry-Riddle is similar to professional sports in that they both are very important to the community and it is something people in the community can take civic pride and get involved in.

One main goal for Daniel is to be able to ask a citizen a question about Embry-Riddle and have them know what the university is all about and the impact it has on the community (approx. \$160,000,000 per year). Daniel feels the University has a good opportunity to inform the public about E-RAU since the University is celebrating its 20th anniversary in Daytona Beach.



The bike path along Clyde Morris Blvd. takes shape as construction workers temporarily tie up traffic.

Editorial Our future is at stake

By Brian F. Finnegan

Considered by many to be the best years of their life, the four-year college experience is an incubation period of personal growth and development. It marks our transition from the "When I grow up..." years to the "If I could do it all over again..." years. It is a period of decision.

Perhaps the toughest decisions we will ever make are made during our collegiate tour. The curriculum we follow and the time we spend mastering it, the activities we participate in, and even the people we choose to make our friends all weigh heavily in the shaping of our lives.

There is an important decision soon to be made in the selection of the President of the United States, and for college students the outcome will be of tremendous significance. The topics are all body-controversial and there are merits to both of the candidate's platforms. Several of the items at stake are a woman's right to choose abortion and a nation's right to escalate the nuclear threat, a college student's right to financial aid and a voter's right to a balanced budget. All deserve careful and considered thought.

But, one must vote. And to vote, one must register.

In 1980 more than 10 million college students didn't even bother to register. What does this say about the future of our nation? We cannot afford to let the Presidential decision to be made without us. One thing is sure: When we graduate, the person we elect on November 6 will be in office. This is a very important fact because the careers for which we are now training may or may not be there when we graduate, depending upon who wins.

Register to vote and then VOTE! This college decision could well be the most important one you ever make.



The flagpole at Embry-Riddle's executive offices in Bunnell was dedicated last week in memory of Dorothy S. Hauser, a long-time employee.

letters

Hello...ASAP?

To the Editor:
In the Avion of August 8, 1984 (Volume 47, Issue 6), an article entitled Private Shuttle ground school trains future pilots gave a telephone number to contact the ASAP. Well, I called and the person who answered didn't know anything about ASAP. I'd like to get in touch with them (over the phone).

Thank you,
Saul Fohn
Box 8128

Food Service Welcomes

To the Editor:
Welcome!

On behalf of the staff of the Food Service, I would like to welcome all new and returning students to Embry-Riddle. We've made a lot of changes over the summer and, like most of you, we are trying to cope with them also. If you have any suggestions or concerns please let us know, we're here to serve you. Also watch for our new newsletter in the Food Service information box.

Have a great Fall tri!
Russell Mallette
Director Food Services

Free Palestine

To the Editor:

On September 18, 1982 hundreds of Palestinian civilians were massacred by Phalangeist soldiers in Sabra and Shatila refugee camps. Of course, under the supervision of the Israeli army.

Israel invaded Lebanon in June 1982 in an attempt to crush the PLO. Liberation Organization (PLO), the main representative and hope for the Palestinian people. The attempt was not finished as the Israeli army still occupies the south Lebanon since the day after day.

The invasion and the massacre had vividly traumatized the need to provide the stateless people with a national home. Even the President of the United States,



Israel's closest ally, stung Israel by endorsing a Palestinian homeland in confederation with Jordan. At last, it appeared that the Palestinians had grounds for hope.

The picture today is much different. The U.S. plan for a solution to the Palestinian problem has been dropped. The Reagan administration is taking steps to forge a closer political and strategic alliance with Israel. The construction of settlements on the West Bank has continued, thus making the Israeli's occupation practically irreversible.

It has not, however, gone away. It's a century that has enshrined (if not always honored) the right of distinct people to self-rule. The Palestinians remain a most glaring exception. The principle was the basis for a Jewish state, but its denial is now the chief premise for the Jewish state's treatment of other claimants to Palestine.

The Palestinians' misfortune is that their claims conflict with the narrower interests of so many parties. Israel bitterly opposes any recommendation which requires it to give up land considered to be its own. It is, though not entirely unsympathetic to Palestinian demands, has no stomach to try to force a solution on one of its most valued military allies. The Arab nations, complicated with concerns more pressing than Palestinian Nationalism, are no hope either.

The Palestinian people will never forget Palestine; it's their freedom and dream. And they

are willing to sacrifice more and more until their rights will be recognized.

And finally, in the memory of all the people who were massacred in Lebanon, I say it's a black history for Israel, and God will never forgive them for what they did. And hopefully with the establishment of the new government in Israel, peace will be their main objective. Maybe the shame they will leave behind in Lebanon will be forgotten.

Ahmed Rajef
Box 7293

The Avion is...

To the Editor:

The Avion newspaper is the best organization at E-RAU. The Avion newspaper provides students with valuable information.

The Avion newspaper is the best environment to learn about anything. The Avion newspaper teaches management.

The Avion newspaper teaches engineering.

The Avion newspaper teaches aeronautical science.

The Avion newspaper teaches avionics.

The Avion newspaper teaches computer science.

The Avion newspaper teaches maintenance.

The Avion newspaper teaches career counseling.

The Avion newspaper teaches space technology.

The Avion newspaper teaches culture.

The Avion newspaper teaches self-confidence.

The Avion newspaper teaches self-discipline.

The Avion newspaper teaches creativity.

The Avion newspaper is equipped with the most congenial and knowledgeable students on campus.

The Avion newspaper is the best place to meet influential friends.

The Avion newspaper provides many free travel opportunities.

The Avion newspaper creates valuable contacts with high level administrative members.

I simply hope that the students not actively involved in the production of the Avion newspaper don't feel deprived of easily available, free experience and knowledge.

All M. Saadeh
E-RAU Box 1110

Letters to the Editor get results.

Klyde Morris

wes oleszewski

GOOD AFTERNOON CLASS, AND WELCOME TO PL-101 BASIC PARKING LOT STUPIDITY.

OUR CLASS OBJECTIVES ARE TO TAKE THE STUDENT, AND MAKE HIM AS STUPID AS THAT HAND-FULL OF MONKEYS WE SEE BEHIND OUR MAIN PARKING LOT (RUNNING STOP SIGNS, AND THE INABILITY TO MAINTAIN 10 MILES PER HOUR ARE CLASS PREREQUISITES.

BEFORE WE START... HAS ANYONE HERE FLOWN AN ULTRA-LIGHT?

HEY GREAT! YOU MAY BE STUPID ENOUGH TO TEST OUT OF THIS CLASS.

WHY DO MY FRENCH-FRIES LOOK LIKE LITTLE TWIGS, BARK AND ALL?

WE'LL HAVE ONE RECENTLY GOTTEN SET-UP HERE ON THE TRAY THAT DECIDE TO GO AWAY IN A FEW WEEKS FOR US TO GET OUR ACT TOGETHER.

BUT, WHAT ARE WE SUPPOSED TO EAT UNTIL THEN? THIS FOOD SUCKS!

YOU COULD TRY TRAPPING SOME OF THE LOCAL REPTILES.

COULDN'T BE MUCH WORSE.

ANYTHING FURTHER FROM THE HOUSING DEPARTMENT?

WELL, A SMALL PROBLEM IN DORM TWO, AND ONE.

IT SEEMS THAT MOST OF THE LAUNDRY ROOM APPLIANCES DON'T WORK, ID WELL... NONE OF US (I GET PORTWINE ENOUGH TO HANG MYTINING DANE ABOUT IT. THE ISN'T EVEN A WASTE BASK IN THERE.

THE WAY I SEE IT THESE STUDENTS ARE PAYING FOR A LAUNDRY ROOM...

... WE NEVER SAID ANYTHING ABOUT WHAT WAS INSIDE.

the avion

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Jeff Guzzetti

SPORTS EDITOR:

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Richard Calvert, Arthur Eyzaguirre, Rich Grey, Lou Kady and Brian Nicklas.

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 its staff. Copy submitted may be edited for brevity and will be printed provided it is not lewd, obscene, or libelous. All letters must be accompanied by the signature of the writer. Names may be withheld on request at the discretion of the Editor.

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Preventing senility and the common cold



AGING AND THE MIND: Forgetful older people may be the victims of a self-fulfilling prophecy. In fact, recent research suggests that people's ability to

make complex judgements and solve problems increases well into their eighties, assuming they stay healthy. **WHAT OLDER PEOPLE LOSE:** Abstract reasoning abilities (used in situations such as playing chess). But even here the decline is generally slight and slow. **WHO LOSES THE LEAST:** People who are socially involved, mentally active, and flexible in dealing with new experiences. **Key:** You'll stay sharper if you reject the stereotype of a helpless old age. **COLD WATCH:** Hand-to-hand

contact spreads colds more than does sneezing, coughing or kissing. It's possible to "catch" a cold by shaking hands or even by grasping a doorknob up to 72 hours after it was touched by an infected person. Cold-prevention tactics: If someone in the house has a cold, encourage all family members to wash their hands often. Promote air circulation in the house. Keep hands (both yours and other people's) away from your face. **CHECK YOUR HEALTH without a doctor:** A new book details 160 tests you can do yourself, some with no more

equipment than an ordinary match. Especially useful: A sphygmomanometer (blood pressure machine), \$70-\$200. A reading at home may be more accurate than one taken during a stressful doctor visit. Do it Yourself Medical Testing. **TO REMEMBER - YOUR DREAMS:** (1) Place paper and pen beside your bed before you go to sleep. (2) Avoid alcohol and drugs (including sleeping pills). (3) Give yourself 5-10 minutes of peaceful time upon awakening to recall and record. (4) Think backward. You'll often remember the last dream se-

quence first. (5) Avoid thoughts of the day to come. Dream memories are fragile. (6) Hold on to even a fragment. It may lead you to recall a whole series of dreams. **ATTACK:** Don't bother criticizing an insecure friend or relative, even in a constructive way. It won't do any good. For a person who lacks self-esteem, any valid judgement, no matter how helpful or positive, is seen as an attack. **INTELLIGENCE IS MORE than verbal and mathematical abilities:** Hypothesis: the brain has six intelligence domains - musical ability, spatial skills, bodily talents and personal

abilities, as well as language and logical reasoning skills. These different domains can work separately or they can work together. Note: Different "intelligences" seem to wax and wane at different times during a person's life. **KILLER JOBS:** People whose work takes the worst physical toll are laborers, secretaries, inspectors, clinical laboratory technicians, office managers, foremen, managers and administrators. Their jobs are the high-stress occupations. Criteria: Rates of death, heart and artery disease, hypertension, ulcers, nervous disorders and mental health admissions.

Finnegan takes Avion helm

By Max Comeau
During a special meeting of the Avion newspaper staff on September 4, Brian Finnegan was unanimously elected by his peers to replace Louis Kady as Editor-in-Chief.

Kady, who revealed his reasons for leaving the top newspaper position said, "My resignation was in the best interest of the Avion. I'm in my senior year and I need to concentrate on my classes and my career. The Avion is a big responsibility that demands too much of me right now."

When questioned as to his ideas concerning the Avion, Finnegan answered, "I have seen the Avion taking on a more professional attitude toward the (aviation) industry. I would like this to continue." As far as the Student Government is concerned, Finnegan feels, "the SGA has come up and down since I've been at E-RAU. I think now that we have a positive and productive student government. This year's administration has the student's best interest at heart."

As final authority of the Avion's content, Finnegan was questioned as to what direction he would like the Avion to take. "The Avion needs to focus on national issues that pertain to the students; the issues which directly affect them." Finnegan went on

many veterans as their are on this campus, veterans benefits are an issue. Voter registration, something we've recently working on, is of great concern to us as college students." Finally, the Editor feels the ever-increasing role of women in aviation must be acknowledged.



Brian F. Finnegan

One of his first actions as editor, was creation of a Space Technology department. "The Space Technology department," according to Finnegan, "will gear

the University toward a more space-oriented thought process. Space technology is the future, even for non-aviators. The industry is affected by space technology in the fields of pharmaceuticals, chemistry, energy, and countless other hi-tech fields. I see the Avion as a vehicle with tremendous impact on the University."

Finnegan returned again to student-involvement in exposing E-RAU through its newspaper to the space industry. "The Avion needs the help of the student body whenever possible. There are a number of clubs on campus that are oriented towards space technology. These clubs are geared toward jobs and I think that most students come here for a job. Since aviation is more than just bizjets and pilot slots, we all need to learn about the field we're getting in to."

The Editor feels that students should foster hobbies and interests in the club which will ultimately become diversions once on the job. "The Avion will try to emphasize clubs and organizations as news. Many clubs do significant things within the community and deserve recognition. When such events occur, we would like to play upon the event as well as the club itself."

Finnegan is supported by an

editorial board consisting of six student positions: Jeff Guzzetti - Space Technology Editor, Max Comeau - News Editor, Kelly Shortt - Sports Editor, Mike Fabric - Photo Editor, Tim Van Milligan - Advertising Manager, and Joe Elm - Business Manager.

"All of these people have extensive experience on the Avion," stated Finnegan, "and I couldn't put out a newspaper without their competent support."

Finnegan, who is in his third year at E-RAU, is involved in the following organizations on campus: Omicron Delta Kappa, the National Leadership Honor Society, Sigma Tau Delta, the National English Honor Society, Eta Mu Sigma, the Management Honor Society, the L-5 Aerospace Society, and the National Society for Collegiate Journalists. The Editor is part of the SMT Fellowship program and is employed as a turbines lab instructor.

FAA approves 'Primary' aircraft class

(August 29, 1984) - AOPA and EAA have jointly petitioned the Federal Aviation Administration to "amend the FARs (Federal Aviation Regulations) to permit the certification, operation and maintenance of a new category of aircraft within the standard airworthiness classification, termed 'primary aircraft' and to provide for the issuance of a new experimental certificate known as 'personal use'."

The amendments proposed by AOPA and EAA define a "primary aircraft" as having a single engine of not more than 200 horsepower and a seating capacity of not more than 4 occupants. A "primary aircraft" could not be used to carry passengers or cargo for hire or compensation. Owners of "primary aircraft" would be able to perform some special maintenance and inspections on their aircraft in addition to preventive maintenance. The amendments permit the FAA Administrator to establish or approve airworthiness requirements for "primary aircraft".

In addition to production aircraft, the proposals provide for a kit-built "primary category aircraft" which would be issued a personal use experimental aircraft airworthiness certificate. This category would be separate from the current amateur-built/experimental aircraft category, which requires the builder to fabricate 51 percent of the airplane. The proposed amendments

also contain provisions for the conversion of a standard certificated aircraft in the normal, utility, or aerobatic category to be operated as "primary aircraft". Primary aircraft would be subjected to a periodic inspection by a person authorized by the FAA to perform this inspection.

The petition was presented to FAA Administrator Donald Engen on August 28, 1984 by John Sheehan, AOPA's Vice

President for Aviation Policy and EAA Washington representative Charles Schuck. According to Schuck, the Administrator enthusiastically accepted the petition and praised EAA and AOPA for their efforts, which he said would be of great help to the general and sport aviation industry. The Administrator also promised to see that the petition would be promptly entered into the FAA system which may eventually lead to the approval of the amendments.

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The PHOENIX yearbook is a student organization which is in charge of transforming a year of studying at Embry-Riddle into a lifetime experience.

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Advertising
Merchandising

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Remember, a yearbook will never forget ... Will you?

STUDENT ACTIVITIES

Presents...

Club And Organization Day!

Wednesday, Sept. 19, 1984

9:00 a.m. - 4:00 p.m.

There is More to Embry-Riddle than Just Classrooms!

GET INVOLVED!!

Spirit of Rush psyches Lambda Chi

By Steve Williams
Monday, September 10, marked the beginning of the most important and exciting two weeks of the year, Lambda Chi Alpha Week '84 is in full swing. The adrenaline is running strong amongst the brothers, associate members, and prospectives alike. I always enjoy this time of year because the added spirit brings all of the brothers together and the

fraternal bond gets even stronger. This will surely be the best year ever.
Monday also marked the day we added six very fine new men to our membership as Associate Members. Their names are: Jon Fornal, Dan Hillmer, Dave Marler, Chris Polhemus, John Tran, and Chris Wright. The key words are Associate Members, not Pledges! That is what makes

Lambda Chi Alpha stand out in a crowd. Hazing is an institution of the past. The way of Lambda Chi Alpha is the future.
Wednesday was once again the day to indulge in the pure pleasure of Louie's Pizza. It has become a tradition for the brothers, associate members, and friends of Lambda Chi to meet on Wednesday night at 7:00 p.m. at Louie's and make it over the

hump together. Saturday, weather permitting, should prove to be a great day at Tomoka State Park for a Bar-B-Q, football practice, and all-around fun.
The Lambda Chi experience is in full swing. Catch it now and it will be the best move you ever made. Come see us work! Our meetings are Monday night at 8:00 p.m. in W306.

CROSSFIELD

(Continued from page 1)
at heights of 60 to 80,000 feet and all at supersonic speeds. The total accumulation of flying time for all these flights was only 35-40 hours. According to Crossfield, "These were pretty priceless hours."
Between 1950 and 1955, as Aeronautical Research Pilot for NACA (the forerunner of NASA) at the Edwards High Speed Flight Station, he was Project Engineer, Project Pilot and participant in the C-1, X-2, X-3,

X-4, X-5, XF-92 and D-558 aircraft research programs. He also conducted flight test and analysis for the "century series" of fighters, achieving several speed records.
From 1955 to 1961 he was Design Specialist for the X-15 project, serving as Chief Engineer and test pilot on behalf of what was then called North American Aviation for the first three demonstration flights. In the X-15, he was the first man to reach Mach 3 and survive. Crossfield's job, however, was to

test the X-15 for malfunctions, not to push it to capacity speeds. Visitors to the National Air and Space Museum in Washington can see this sleek, black, bullet-shaped aircraft with stubby wings hanging there. He also conducted test flights for the F-84, F-100, Sabreliner and T-39 aircraft.
Later, with North American Aviation, he became Technical Director for Research and test in the Space and Information Systems Division and was responsible for all systems test, reliability, engineering and quality assurance for hardware on the Apollo Command and Service Module and the Saturn II Booster Programs as well as the Hound Dog air to ground missile.
Between 1967 and 1973, Crossfield became a Division Vice President for flight Research and Development for Eastern Airlines. This period in his career also came at a propitious moment. Airlines at that time, Eastern among them, were developing their own research facilities to take advantage of new and rapidly advancing breakthroughs. He was the first to demonstrate the feasibility of an STOL aircraft for short, city-center to city center flights. Previously, STOL aircraft had only been used as military aircraft. At Eastern, Crossfield was also responsible for aircraft acceptance inspections, flight technical developments and flight

safety.
Perhaps the greatest contribution to aviation is being made now by Crossfield in his present position as Technical Consultant to Chairman Daniel Glickman and others on the House Committee on Science and Technology.
After years and years of argument, the committee, with Crossfield's help, has been able to record extensive progress.
"We're building a system rather than continually working on how to solve the problems. We think we have solutions," says Crossfield, citing MLS, Reacons (now Mode S) collision avoidance systems and computers among others.
"Chairman Glickman was required by congressional resolution to develop a single planning document so that we could meet the 21st century ATC system," continues Crossfield. "Lynn Helms (former FAA Administrator) was the catalyst. He got it together and got it going. This requirement became the National Airspace System Plan (NASP)."
Crossfield was occupied with the technical aspects of the new system for the past five to six years making technical assessments and advising committee members and their staffs of the technical pros and cons of incoming proposals.
Crossfield says, "Congress is often beset with all kinds of ideas by well-meaning people. There are often ten ways to solve a problem. Somebody has to decide which way to go and then be ready to defend that way until it is implemented. So very often we start in one direction and a better way shows up, and we go in another direction."
Scotty also has some close ties with business aviation and NBAA. He said that he would reveal these in his acceptance speech on Awards Night, October 3, 1984 at the NBAA Annual Meeting and Convention.

New LRC selections

- 4D Time Lock - Fuller, Buckingham
- Acid Rain: A Review of the Phenomenon in the EEC and Europe - Eavis, Resources Limited
- 4th Superlativity in World War II and Korea - Ferguson, James et al
- Aircraft Fuel Metering Systems
- Aircraft Inspection and Maintenance Records
- Aircraft Propellers and Controls
- Airline Transport Pilot, Airplane-Part 135-Test (no. ATP-135A)
- Airplane Talk: Working the ATC System - Carlson, Glenn
- Airport Handling Manual, 4th ed., 1983
- Applied Science for the Aviation Technician
- Beam Weapons: The Next Arms Race - Hacht, Jeff
- The Blytheplace of the Liberator
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- Book Number: History, Principles, Applications
- Building Expert Systems - Fredrick Hayes-Roth, Ed.
- The Call of the Wild - London, Jack
- Cohesion in the US Military - Johnson, Dr. John H.
- Financial Tools for the Non-financial Executive - Milling, Bryan E.
- The Frequency of Flying Among the General Public, 1983 - Air Trans. Assoc. of America
- A Guide to U.S. Government Scientific & Technical Resources - Alami, Rao & Robinson, Judith
- Improving the Air Traffic Control System - Lewis, David L.
- Introduction to Communication: Science and Systems - Pierce, John Robinson
- Making Beer - Mares, William
- North Atlantic Passenger Traffic Report (1978-1983)
- Nuclear Power in an Age of Uncertainty
- Policy Alternatives for the U.S. Commercial Airline Industry after 4 years of Airline Deregulation - Molloy, James F.
- Proceedings of the Human Factors Society 27th Annual Meeting
- Public Access Terminals: Determining Quality Requirements - Tolle, John E.
- Shabono - Donner, Florida
- Shock Waves, Explosions, and Detonations (Volume 87) - Bowen, J., Ed.
- Tanks and Other Armored Fighting Vehicles of World War II - White, B.T.
- Test and Protect: The Influence of Consumers Union - Silber, Norman I.
- Transport System Optimization & Pricing - Jansson, J.S.
- U.S.-Korea Security Cooperation: Retrospects & Prospects - Han, Sung-Joo
- Utilization of Alternative Fuels for Transportation: Proceedings of the Symposium, Univ. of Santa Clara
- What's News: The Media in American Society - Abel, Elise
- Winged Wonders: The Story of the Flying Wings - Woodridge, E.T.

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Fed Ex buys new DC-10

LONG BEACH - The first of six new DC-10 wide-cabin commercial jet-jets ordered by Federal Express was delivered September 7 by McDonnell Douglas Corporation.
Accepting the DC-10 were officials of the Memphis-based company specializing in rapid package and document delivery. The new aircraft, a convertible freighter version of the DC-10 Series 30, joins 10 other DC-10s in the Federal Express fleet.
In 1986 Federal will receive five new DC-10 Series 30 freighters to meet planned service expansion. The company's daily package volume now averages about 340,000.
McDonnell Douglas has been delivering DC-10s since 1971, when American Airlines and United Airlines accepted the first two of the wide-cabin airliners August 14. The company has delivered 369 commercial DC-10s and 25 KC-10s, military tanker/cargo derivatives, to the U.S. Air Force.
The commercial fleet has completed more than 9 million hours of revenue service for 51 operators around the world. DC-10s have flown more than 4.2 billion miles and carried more than 490 million passengers.
The first KC-10 was delivered on March 17, 1981. Since then the KC-10 fleet has flown more than 32,350 hours, with a mission completion rate of 99.5 percent.

Aviation book review:
McDonnell F-101

By Kevin Keaveney
Aerofax Minigrap 5
Aerofax Inc. Arlington TX, 1984
40 Pages, Card cover. 175 Drawings & Photos

This is the fourth release in the Minigrap series, a series similar in scope to the Squadron/Signal or Detail and Scale series of books.

Unlike those books, the series seems to contain a lot more on the history of the aircraft itself, and less on the history of units using those aircraft.

This book on the F101-Voodoo is well done and contains not only a good description of the development and usage of the 101 by the USAF and RCAF, but score of photos as well. Those photos range from close ups of tail markings to detail shots of the aircraft's engine and systems. The only negative note is the lack of source notes for the detailed program history. Other than that point, this book is recommended to any who are fans of "Century Series" fighters.

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Steppen out...

By Arthur Eyzaguirre Jr.

This week Steppen Out travels to a well known Daytona location, the Seabreez Circle. As most of you may know, there used to be a place there called Mr P's and recently a restaurant called the Seabar. Well those places obviously washed ashore and there is now a new restaurant and lounge called Marker 32.

The decor in the place has not changed much. They basically replaced what was there with some different tables and comfortable captain chairs. The room is still open with the exception of their spectacular indoor fountain in the middle of the room.

Marker 32 offers a variety of seafood, steaks and chicken dishes. The seafood includes fresh fish of the day, lobster, shrimp, crab legs, and oysters. They also have a variety of appetizers ranging from 95¢ for a cup of chowder to \$7.50 for twenty "poel yourself" shrimp.

I ordered the seafood sampler which consisted of broiled fish, shrimp, oysters, crab legs, french fries and splashy pasta. The meal cost \$12.95 and was quite filling with the accompaniment of chowder salad bread. Although the fish was a little bland, the oysters kiltickichimp and crab legs were superb. I was also not to crazy about the pasta; it too was a bit bland.

The marker offers a more than suitable selection of wines including a french Pouilly fuise and chardonnay. They even offer Korbel Brum Champagne at a reasonable \$16.00 a bottle. I didn't get a chance to dine outside because of faulty weather, but the Marker does have a patio bar located on the Hallfax River. The view is pleasant and the sounds of the band (which I later heard) add to the enjoyment of the outdoors.

There is also an indoor bar away from the dining area which is quite large. Prices at the bar are fairly reasonable for the Daytona Beach area with beer brands at \$2.00, call brands at \$2.25, cordials or superman \$2.50 and frozen drinks at \$2.95.

Happy hour is as follows: two-for-one on all mixed drinks from 4:00 to 6:00 daily.

Aside from menu listed dinners, the Marker also offers a lunch buffet for \$4.95; An earlybird buffet from 4:00 to 6:30 P.M. at \$3.95 and a dinner buffet for \$7.95.

The band plays outdoors on the patio for you dining pleasure from 5:00 to 8:00 P.M. six days a week.

On a scale of 1 to 10, I would have to rate the Marker a 7; at least until they get all the opening bugs out.

Daytona Playhouse looks forward to premiere

By Deborah Rousseau

The Daytona Playhouse is busily planning its spectacular new Season, which promises to be a frenzy of fun-filled adventures in theater. We've got a terrific slate of up-coming shows, a talented new director and a tremendous amount of enthusiasm about what is going to be happening in our 1984-85 Season.

The Playhouse's anticipation of opening a bright new Season is enhanced by the introduction of our dynamic new Artistic Director, Doug Baker. However, though new to the Playhouse, Doug is very familiar with the business and no stranger to Daytona's local theatrical community.

Doug comes to the Playhouse from DBCC where he is an English, Speech and Theatrical Arts instructor. He has also directed many DBCC stage productions, most recently "Sly Fox" and "The Championship Season."

His credentials are also impressive as Doug is founding acting director of the Summer Music Theater and has been associated with that company for four years. In 1976 he founded the Stage East Repertory Company, which toured throughout the Sunshine State performing classic comedy.

Doug has an eclectic approach to the theater, and as both actor and director he feels the audience omnipotent in a successful production, as theater participants, not merely observers.

Season Productions

"See How They Run"
September 28, 29, 30, October 4, 5, 6, 7

"Ladies In Retirement"
November 9, 10, 11, 15, 16, 17, 18

"A Christmas Carol"
December 7, 8, 9, 14, 15, 16

"My Three Angels"
January 18, 19, 20, 24, 25, 26, 27, 1985

"The Great Sebastians"
March 1, 2, 3, 7, 8, 9, 10, 1985

"On Borrowed Time"
April 19, 20, 21, 25, 26, 27, 28, 1985

"Charley's Aunt"
May 24, 25, 26, 30, 31 June 1, 2

Bayfront Center (St. Pete)	(813)893-7251
Bob Carr Auditorium	(305)843-8111
Flaky's	255-3059
Lakeland Civic Center	(813)886-4111
Tom's Point After	(305)273-9600
Ruth Eckerd Hall	(813)725-1844
Tampa Theatre	(813)223-8981
USF Sundome (Tampa)	(813)974-3000
WDIC Concert Line	(305)647-7623
WDIC Request Line	(305)434-9100

ROCK SINGLES

1. THE FDOX-Are We Ourselves
2. BRUCE SPRINGSTEEN-Cover Me
3. JOHN WAITE-Missing You
4. LINDSEY BUCKINGHAM-Go Inside
5. THE CARS-Drive
6. SCANDAL-The Warrior
7. NIGHT RANGER-When You Close Your Eyes
8. HUEY LEWIS-It This Is It
9. BILLY SQUIER-Rock Me Tonite
10. A FLOCK OF SEAGULLS-The More You Live

DANCE TRAX

1. THE MEXICAN-Jellybean
2. NO FAVORS-Temper
3. CARIBBEAN QUEEN-Billy Ocean
4. SET IT OUT-Midway
5. LET'S GO CRAZY-Prince
6. YOU GET THE BEST FROM ME-Alicia Myers
7. THE MEDICINE SONG-Stephanie Mills

What's Hot

8. HIGH ENERGY-Evelyn Thomas
 9. YOOD BEEZ-Scritti Pollitt
 10. SHE BOF (Re-mix)-Cyndi Lauper
- COUNTRY SINGLES
1. YOU'RE GETTIN' TO ME AGAIN-Jim Glaser
 2. LET'S CHASE-Merle Haggard
 3. ONLY A LONELY HEART-KNOW'S-Barbara Mandrell
 4. TURNING AWAY-Crystal Gayle
 5. WAY BACK-John Conlee
 6. EVERYDAY-The Oak Ridge Boys
 7. UNCLE PEN-Ricky Scaggs
 8. TO ME-B. Mandrell & Lee Greenwood
 9. I GOT A MILLION OF 'EM-Ronnie McDowell
 10. I DON'T KNOW-Conway Twitty

- RHYTHM & BLUES
1. CARIBBEAN QUEEN-Billy Ocean
 2. YOU, ME AND HE-Mtume
 3. GHOSTBUSTERS-Ray Parker, Jr.
 4. WHAT'S LOVE GOT TO DO WITH IT-Tina Turner
 5. THE LAST TIME I MADE LOVE-Joyce Kennedy & Jeffrey Osborne
 6. 17-Rick James
 7. JUST THE WAY YOU LIKE IT-The S.O.S. Band
 8. LET'S GO CRAZY-Prince
 9. WHEN Doves Cry-Prince
 10. DYNAMITE-Fermaine Jackson
- TOP TEN IN BRITAIN
1. I JUST CALLED-Steve Wonder
 2. CARELESS WHISPER-George Michael
 3. AGADOO-Black Lane

4. LIKE TO GET TO KNOW YOU WELL-Howard Jones
 5. PASSENGERS-Elliot John
 6. GHOSTBUSTERS-Ray Parker, Jr.
 7. DR. BEAT-Miami Sound
 8. SELF CONTROL-Laura Branigan
 9. I'LL FLY FOR YOU-Spandau Ballet
 10. WHATEVER I DO-Hazel Dean
- MTV NEW VIDEOS
- LAURA BRANIGAN-The Lucky One
- FRANKIE GOES TO HOLLYWOOD-Two Tribes
- INXS-Blaze For You
- BILLY OCEAN-Caribbean Queen
- VANITY-Pretty Mess
- THE TIME-Ice Cream Castles
- WHAM U.K.-Wake Me Up
- LITTLE STEVEN-Undeclared

sources: Billboard, Meloc., w/melloc/ 9/18/84 compiled by: A. Sokobati

Coming Events

- STANLEY CLARK Tonight, September 19 Le Club, Tierra Verde
- GEORGE BENSON ----Friday, September 21 ----USF Sundome, Tampa
- JEFFERSON STARSHIP ---- Sunday, September 23 ---- O'Connell Center, Gainesville
- Wednesday, September 26 ---- Sportatorium, Hollywood
- Saturday, September 29 ---- Lakeland Civic Center, Lakeland
- KENNY ROGERS w/ EDDIE RABBIT ---- Tuesday, September 25
- Jacksonville Coliseum, Jacksonville (\$16.75)
- REM ---- Friday, September 28 ---- Univ. of Tampa, Tampa
- Sunday, September 30 ---- Sandshell, Gainesville
- STEPHEN BISHOP ----Monday, October 1 ---- Cheek to Cheek, Winter Park
- JOHNNY WINTER Wednesday, October 3 London Victory Club, Tampa
- ROD STEWART ---- 8 p.m., Friday, October 5 ---- Jacksonville Coliseum, Jacksonville (\$14.75)
- Saturday, October 6 ----USF Sundome, Tampa (\$15.00)
- Sunday, October 7 ---- Sportatorium, Hollywood
- ELTON JOHN ---- Friday, October 12 ---- USF Sundome, Tampa
- SPYRO CYRA Tuesday, October 9 Ruth Eckerd Hall, Clearwater
- EDDIE MONEY ---- Monday, October 15 ---- Tom's Point After, Orlando
- BILLY SQUIER/RATT ---- Thursday, October 25 ---- Lakeland Civic Center, Lakeland
- Sunday, October 28 ---- O'Connell Center, Gainesville
- FABIAN, THE SHIRELLES, LITTLE ANTHONY, THE DRIFTERS & DEE CLARK and others Saturday, November 3 USF Sundome, Tampa
- MILES DAVIS Sunday, November 4 Ruth Eckerd Hall, Clearwater
- EXILE ---- Sunday, November 4 ---- Finky's, Daytona
- RONNIE JAMES DIO ---- Tuesday, November 13 ---- Lakeland Civic Center, Lakeland
- PAT MEEHAY Saturday, November 24 Tampa Theatre, Tampa
- RUSH ---- Wednesday, December 5 and Thursday, December 6 Lakeland Civic Center, Lakeland
- REO ---- Friday, December 14 ---- Lakeland Civic Center, Lakeland

Jazz Flavours

Low Ride rates high

By Arthur Eyzaguirre Jr.

This trimester, I have decided that in the light of all the up and coming jazz listeners in the Daytona Beach area, I would review the latest and even some golden oldies in the jazz field. This week I picked Low Ride by Earl Klugh as a prime artist to begin with. As many of you may know, Earl Klugh is one of the giants in easy listening jazz. Low Ride is no exception. Klugh is dazzling in his guitar instrumental and he has definitely done his homework in regard to picking his studio musicians.

The opening number on the album is a song entitled Back in Central Park which ironically has a latin tempo. Klugh's excellent guitar picking with the Central American beat automatically diminishes any notion of a New York tempo which may be implied by the title.

The next two songs entitled Be My Love and Low Ride, the title cut are similar in nature to some of Grover Washington Jr. and George Benson with synopnating percussion and extraordinary funk jazz bass lines.

Many of the songs on the album are accented by female vocalist presenting an acappello rhythm dubbed into the background. Of course, Klugh takes full advantage of Parliho Da Costa on all percussion instruments. All these highlight each other to offer a full rich sound to each song, leaving only the outstanding guitar picking overlying the overall rhythm.

There are also several songs with superb keyboards one of

which is *I Never Thought I'd leave You*. This tune is accented by the singing of Frank Floyd, Merle Miller and Dana Kral.

Overall, the album is typical Klugh and needless to say typically excellent. It's good easy listening musical jazz without heavy orchestra lines but with enough snuff to keep you waiting for the next song.

On a scale of 1 to 10, I must rate this one a 10.

All albums compliments of Atlantic Sounds, Records and Cassettes; 138 Volusia Ave.

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Fri.-Sat. 11 a.m. to 3 a.m.; Sun. 1 p.m. to 1

Air Force cadets chosen for drill team

By C/2LT Jeffrey Smith

Air Force ROTC had a very busy week with the start of many of its activities and the assignment of all the cadets to their flights. The Drill Team was the first organization to get underway when it had its try-outs last Saturday in the Dorn 1 parking lot. On this day the commander of the Drill Team watched and selected which cadets would make this specialized and demanding marching team.

Two of our newer organizations, the Rifle team and the Marching Band also had their try-outs this week. These special divisions compliment each other while representing AFROTC and DET. 157 in community events. Congratulations to the new members in the special divisions; the motivation and determination of these fine cadets will greatly be noticed by the cadet corps.

Arnold Air Society, the Air

Forces' fraternity, has also had its first meeting and is looking forward to beginning its training of the new pledge class. The Reserve Officers Association also had its first meeting and is planning many different things for its members. ROA is also going to have a limited scholarship opened to all ROTC cadets. Details on

this scholarship are forthcoming. The final organization that began was the Non Commissioned Officers Academy. This organization, run by our Senior Enlisted Advisor C/MSgt Grant Rutlen, takes a selected number of freshmen cadets and teaches them more about the Air-Force. The class not only teaches the

cadets important leadership skills, but also how DET. 157 is organized and run. This course is not only mentally demanding, but is also physically demanding. Each cadet must pass certain physical tests to graduate from the academy. This is one organization that is well worth the time that these cadets will put

into it.

The man that is behind these organizations making sure not only they, but the entire Detachment is running smoothly is our cadet Wing Commander C/COJ John Holmberg. This is John's final trimester here at E-RAU; he will be graduating in December with a BS in Air Studies. After

graduation, John will go on to 11 months of pilot training with the Air Force as a commissioned second lieutenant.

As you can see, there is a whole lot going on, so do not be afraid to get involved in as much as your academic workload permits, and make this trimester a successful and enjoyable one.

AIAA chapter to host regional conference

By Brooks Fauriol and Jeff Cohed

The E-RAU chapter of the American Institute of Aeronautics and Astronautics (AIAA) will hold its second meeting of the trimester Friday, 3:30 p.m. in the Faculty Staff Lounge.

To provide a little background, AIAA is a professional society of 34,000 members composed of students and professionals in

Aeronautical Engineering and related fields. Over 6500 students, nationwide, are members of AIAA including the 120 students at E-RAU.

National dues are \$12 this includes a free subscription to AEROSPACE AMERICA, and four issues of the AIAA student journal. Along with the \$12 national dues, there is local dues of \$5, which are used to subsidize local field trips to Grinnam, Cape Canaveral, and Marin-

Marietta.

This April our chapter will be hosting the Southeast Regional Student Conference in Atlanta. Members will be able to organize and participate in this conference and may present a technical paper to compete for cash prizes of up to \$150. Dozens of companies will be present at the conference searching for new engineering talent. The entire conference is paid for by AIAA and transportation will be provided.

vided.

The local chapter is among E-RAU's most active clubs. We sponsor the annual model airplane competition every November in the University Center.

Every trimester we sponsor a dinner meeting with a guest speaker.

Next month, Mr. Thomas Gagner from Martin-Marietta will speak on Ornithopters. The meeting will be held at Cap'n

Coty's Inn on October 19, 1984, at 6:30 p.m. The cost of the dinner will be \$10. E-RAU/AIAA chapter also attends monthly dinner meetings at Cape Canaveral.

This month Mr. John Murphy will speak at the dinner, building and flying of racing aircraft on Wednesday, September 26. The cost of the dinner will be \$5 for students and \$10 for faculty. Transportation will be provided.

For more information please contact Dr. Tej Gupta, ext.1156.

Army ROTC welcomes new captain

By Cadet Capt. Kevin Garner

The Army ROTC Department has been honored with the addition of a new faculty member to assist in the instruction of the Army ROTC Cadet Corps.

Captain Salvador has joined the faculty with the objective to turn out the finest Army Officers here at E-RAU.

Captain Salvador, originally from Fredericksburg, Virginia, was drafted in April 1970. As an enlisted man, he served as a rifleman, squad leader, platoon

sergeant, training Non-Commissioned Officer (NCO), and obtained the rank of Staff Sergeant in 1974. During this time, Captain Salvador went to night school working towards his degree. Upon completion of 60 semester hours, Captain Salvador went to Officer Candidate School (OCS) for 14 weeks. After OCS, he went to Airborne School for three weeks and Infantry Officer Basic School for three months at Ft. Benning, Georgia. While at Ft. Benning, he served as an instructor with the Morar Com-

mittee, and did extensive work with the 60 mm mortar. Captain Salvador was also extensively involved with R & D projects. He also taught Infantry Officer Basic Course (IOBC), OCS, ROTC and military leadership and doctrine.

Captain Salvador was assigned to the Korean DMZ and served with the 1st Battalion Division, 38th Division as a Heavy Mortar Platoon Leader.

After returning from Korea, he completed his Bachelor of Applied Science degree in Resource

Management from the Troy State University extension center at Ft. Benning, Georgia, in December 1981.

Later, Captain Salvador was assigned to the 193rd Infantry Brigade located at Ft. Kob, Panama. He served as the S3 Air Battalion Adjutant and the Commander of Combat Support Company.

Captain Salvador is proud to be here at E-RAU and is looking forward to doing a good job in preparing the MS III cadets for Advance Camp '85.

Sigma Pi strong for Rush Fall '84

By Ron Przyucha

Sigma Pi is looking forward to a banner year in new membership for the Fall '84 Rush season. After only three months since chartering, Sigma Pi is already

twenty-four strong and looking forward to adding significantly to their members. Along with our regular membership drive, we are also looking for women interested in joining the newly formed Sigma Pi Little Sister Organization.

We were very pleased to see such a good turnout at our first rush event, the pool party, that was held on Friday at the E-RAU Pool. All of the guests were treated with many free giveaways like T-shirts, hats, and

refreshments. We hope that everyone had as good of a time as we did. Sigma Pi would like to thank everyone who showed up and all of the brothers that worked hard in organizing it.

Sigma Pi's next rush event will be a BBQ party at the BBQ pit between the pool and the racquetball courts. There will be plenty of food and drink available, so if you are interested in joining E-RAU's newest social fraternity, be there.

Sigma Pi is not just a "social

fraternity." Along with the parties planned for the fall semester, Sigma Pi will also be raising money to aid in the research of Multiple Sclerosis (MS). MS is a disease which inflicts thousands of people a year. We will be doing our best in raising the much needed funds that would rid us all of this much dreaded disease.

If anyone has any questions regarding Sigma Pi, please direct inquiries to Peter Marston (president) at 255-9283 or Ron Przyucha at 761-1188.

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For More Details, Contact: Major Al Fitzgerald at ex.1173

Army ROTC. Learn what it takes to lead. Call.

Delta Chi makes improvements

By Geoff Marray

The first two weeks of school have proven to be extremely productive for the brothers of Delta Chi; both academically and socially.

As the brothers began their academic classes the house improvements materialized. With the help of Jones Frownfelter and Todd Mellon, the bar and Pub room are now in outstanding condition as well as the kitchen.

Dave Hewson, Social Chairman, has prepared an outstan-

ding social calendar that all brothers are eagerly looking forward to. Coming events include a Nerd Party, Hat Party and the infamous Toga Party. The IFC Kill-a-Keg has also been included in the schedule for September 19.

For those of you who missed this past weekend's Open House and Rush Party, there is still one weekend of Rush left.

The brothers would like to de-emphasize alcohol abuse at all parties. The penalties and liabilities involved are too ex-

treme for anybody. In the event that you find yourself drunk or about to drive with a drunk individual, stop and wait. The consequences are too extreme!

On a more pleasant note Delta Chi is pleased to announce our newest officer, David Bizar. Dave has assumed the responsibilities of Alumni Secretary and we wish him the best of luck.

Arnold Air plans fund raiser

The Arnold Air Society is gearing up for our first fund-raising event of the Fall trimester. This Saturday, September 22, a car wash will be held at the Central Bank on Ridgewood Avenue. It will be held from 10:00 a.m. till 4:00 p.m. You can have your car expertly washed by the skilled members of the AAS. These people have spent years perfecting their carwashing techniques, and now you can witness their adeptness for yourselves. We look forward to the support of our fellow students on Saturday.

Good luck to all the new pledges who begin their grueling pledgship this week. The turnout at last Friday's Rush party was impressive, and the prospective members got an idea of what will be expected of them

Delta Chi

Miss The First Weekend?
There's Still

ONE MORE LEFT!

Happy Hour Wed 8:00pm
Rush Party Fri 8:00pm

For ride call 255-4787
538 South Ridgewood Avenue

Delta Chi, Sigma Pi tie in opener



Delta Chi Jet receiver, Todd Mellon (left) and Bret LaFrancis (right) reach for the ball as Sigma Pi defensive back (center) knocks it away. Fabulous '16 quarterback gets the pass away as Crusier lineman put on the pressure. (right) Crusiers won 28-24. Action photos by Bob Day.

FOOTBALL

National Football League Standings

AFC EAST

TEAM	W	L	T	PCT
*Miami	2	0	0	1.000
N. England	2	1	0	.667
NY Jets	2	1	0	.667
Indianapolis	1	2	0	.333
*Buffalo	0	2	0	.000

CENTRAL

Chicago	3	0	0	1.000
St. Louis	1	2	0	.333
Detroit	1	2	0	.333
Minnesota	1	2	0	.333

WEST

San Fran.	3	0	0	1.000
Atlanta	1	2	0	.333
L.A. Rams	1	2	0	.333
New Orleans	1	2	0	.333

THIS WEEK'S SCHEDULE

Sunday, Sept. 23

11:00	Wrecker Crew vs. Blue Demons
12:00	Wrecker Crews vs. Blue Demons
13:00	Barley Boys vs. Blue Demons
14:00	Wrecker Crews vs. Blue Demons
15:00	Barley Boys vs. Blue Demons

CENTRAL

Pittsburgh	2	1	0	.667
Cincinnati	0	3	0	.000
Cleveland	0	3	0	.000
Houston	0	3	0	.000

WEST

LA Raiders	3	0	0	1.000
Dallas	2	1	0	.667
Kansas City	2	1	0	.667
San Diego	2	1	0	.667
Baltimore	2	1	0	.667

NFC EAST

Dallas	2	1	0	.667
NY Giants	2	1	0	.667
St. Louis	2	1	0	.667
Washington	2	1	0	.667
Philadelphia	2	0	0	1.000

STANDINGS

TEAM	W	L	T	PCT
Mad Dogs	1	0	0	1.000
Wrecker Crew	1	0	0	1.000
Crusiers	1	0	0	1.000
Delta Chi	1	0	0	1.000
Sigma Pi	1	0	0	1.000

FLORIDA COLLEGE

Friday, Sept. 21

FL AAM at Tennessee St.

Saturday, Sept. 22

Florida St. at Miami
BCC at Georgia State
UCF at Western Kentucky

AVION SPORTS FOOTBALL

POOL

Last week's winner was Mike Bernstein. The Av Tech major correctly picked 13 out of 15. The Avion sports football pool for 1964 is sponsored by Kelix's "Northern Style Deli" Subs. To enter, cut out this entry form and circle who you think will win in the matchups provided below.

Deadline for entries will be Friday, September 21, 1964 at 1700 hrs. Entries can be dropped in the campus mail or brought to the Avion sports desk.

A winner will be selected Monday, September 24, 1964. Winners are selected on the basis of the amount of correct answers

1. Mad Dogs	vs.	2. Wrecker Crew
3. A.H.P.	vs.	4. Crusiers
5. Fabulous 15	vs.	6. Sick Fox
7. Blue Demons	vs.	8. Sigma Chi
9. U.S.A.	vs.	10. Air Force

made on the entry form. Should a tie occur, then the winner will be selected by how the entrant best answers the tie breaker question. If a tie still occurs the entrants will be contacted to engage in a one on one sudden death playoff based on a five question trivia quiz mediated by the Avion Sports Editor.

COLLEGE

Florida St. at U of Miami
Nebraska at UCLA

TIE BREAKER

Predict the score and the winner between the Wrecker Crew and the Busch Boys of the E-RAU intramural League.

NAME _____
E-RAU Box _____

Jaguars file first entries for New York 500

WATKINS GLEN, N.Y. — Group 44 President Bob Tullius would like to make amends for July's Camel Continental at Watkins Glen, when a first-lap crash virtually eliminated his Jaguar XJR-5.

So much so that Tullius filed the first entries for the September 28-30 New York 500 for the Steuben Cup at the Watkins Glen Circuit, with Group 44 bringing back two of the immaculately-prepared white and green Jaguars.

"We'll have our act together this time," Tullius promised. "Back in July we were still shell-shocked from LeMans. Now, we're ready to race."

Tullius will share the steering with Doc Bundy on the No. 44 Jaguar XJR-5. But you can't call the other Group 44 entry "the second car" or "the backup car" when you've got two drivers of the calibre of Brian Redman and Hurley Haywood doing the driving. Just follow the lead of the Group 44 team and call the car simply "06 15."

Both Redman and Haywood have many years of experience at the Glen, and neither are strangers to Victory Circle there.

"Three things are remarkable about the Watkins Glen Circuit—the beautiful contrivance, the challenging track, and its memorable history," said Redman, failing to point out that he once set the absolute lap record at the Glen.

Haywood has a different

reason for looking forward to returning to Watkins Glen.

"Tracks are tracks. You learn to drive them," said Haywood, the winningest active driver on the Camel GT circuit with 30 victories. "After a while, what distinguishes one track from another is the surroundings, the overall ambience—the hotels, the food, the people. And at Watkins Glen, the fans are knowledgeable. They know when to come and talk and they ask intelligent questions. It's nice to work in front of a house that appreciates you."

Redman and Haywood finished third in the Camel Continental, but Tullius and Bundy were credited with 53 laps. After the first lap mishap, Bundy managed on-course repairs and drove the car back to the pits on three wheels, but Bundy hit the guardrail only seven laps after the car was

repaired, forcing its retirement. Tullius may want to make amends for that poor showing, but he has other reasons for wanting to do well in the September classic.

"There's no lovelier part of the world than the Finger Lakes in the fall. I spent the first 30 years of my life there, and there's no lovelier place," said Tullius. "Coming to the Glen in the fall is a major thing."

Sharing the weekend with the Camel GT sportsmen and prototypes are the Renault/Facom Cup Alliances and Encores, set for the East-West showdown; the subcommittee of the Champion Spark Plug Challenge; and race cars of the past in the Vintage Cup. For ticket and camping information, call (607) 535-4333, or write Watkins Glen International, Box 500, Watkins Glen, New York 14891.

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C-172 VFR	\$35	\$31

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autos for sale

BMW 320i, 5 spd, sunroof, from spoiler, AM/FM stereo cassette, new tires, Anson competition wheels, 42,000 miles, excellent condition, \$9,900. 1-423-2328.

'78 FIAT SPYDER, 5 spd, air, AM/FM cassette, \$3,000. Call 767-1800.

'77 CHEVY MONZ, 350 cid w/turbo 1500 trans., AC, tilt, PS, PB, no rust, new tires, 4 bbl. Fla. cac. \$3,900 obo. Call 257-6220, Fred.

'81 CHEVETTE LIFT BACK, PS, factory AC, good cond., call after 5:00 p.m., 257-0473.

'72 VW BUG, good cond., \$1,200. Contact Bob 5333 or Sonny, 767-1826.

'76 AMC PACER, two door, \$1,000. Good engine, new tires. Call 257-7518 or Box 3588 for info. Ask for Sal or Antonio.

'77 MONTE CARLO, 8 cyl (105) engine, new paint and top, AM/FM cassette. Asking \$2,500 obo. Call Rajar, 252-8473.

'79 PINTO, 62,000 miles, orig. owner, 4-sp. Excellent running cond., 1-423-4120.

'78 MG MIDGET, AM/FM cassette stereo, great city & beach car. Excellent condition. Must See. Economical transportation. \$2,000 obo. Call after 5:00 p.m., 252-4991 or 673-9280, nights at 258-5421.

'76 FIREBIRD for sale in good cond., PS, PS, Air. Asking \$1,100 or scheduled payments. Ask for Frank, 252-3237.

'78 CHEVY VAN, burgundy, excellent mechanical cond., \$2,900. Call Kris, 258-5844 or 252-2277.

'76 MGB CONVERTIBLE with 42,500 miles, 300 miles on completely rebuilt engine. New convertible top, new radial tires, car is real clean and runs like a charm. \$2,590. Call 253-9576 and leave name and number on answering machine if not home.

'72 BMW 2002, midnight blue w/black interior. Strong 2000 cc., 4 cyl, rebuilt drivetrain. New brakes and rotors. Never wrecked or abused. Slight cosmetic body rips. New Bridgestone 185/70's. A real classic. \$3,500. Call Jack Metzger, 253-4168.

1984 Pontiac Firebird S.E. 6 months old. Lins \$16,500. Sand color, T-Top, Fully loaded. Take over payments, call Carol ext. 1257.

'74 FORD PINTO, low mileage, rust free. Must see. \$350. 253-4330 or 761-7272.

'77 MONTE CARLO, red, 8 cyl (100), AM/FM cassette, new paint job, very good eng. Asking \$2,800. Call Noufan, 252-3069 or Box 5860.

'74 AMC HORNET, 6 cyl, sport, 60,000 miles, in good cond., has AM/FM cassette. \$2,190 obo. Call 253-9264 after 6:30 p.m.

'78 DODGE 474 straddle, copper color, 318, 4-sp., Posi, roll bar, and fog lights. New tires, AM/FM/8-track, tinted windows. Leaving state \$2,000. Call 255-9977 after 6 p.m.

'72 VW for sale. Red Porsche owned. New upholstery, AM/FM cassette stereo w/dual speakers. Just tuned up, new plugs, wires, points, Nerf, tick antenna, turbo mirrors, paint/mirror inside. Engine 1600 cc w/19,000 miles tinted overhead. Fully carpeted. Bob 3082 or 756-3161.

'79 JEEP RENEGADE, 6 cyl, PS, 4-sp., AM/FM cassette, fully carpeted. 38,000 miles, good deal. \$4,200. Contact Rob, 255-6580 or Box 1143.

FOR SALE: '67 Ford Galaxy 500 Convertible. Good Condition with rebuilt engine. Asking \$2,000. Call Mike, 756-2319 after 6 p.m.

miscellaneous for sale

NEW HEATHKIT MULTIMETER, still in box. Bookstore price \$110.29, will sell for \$90. New Sabronics/Multimeter Model no. 20106, will sell for \$85. Used Telen 5's Mark IIA Pilot hamper, New \$125, will sell for \$60. World Ranger Multiband radio, AM/FM, SWL, SWZ, CB, TV, TVZ, PR, AIR, MARINE POLICE, W, FIRE, HAM, AC/D/BATT, with camera tape. Sell for \$145. Call Mike, 788-6626.

CIANT GARAGE SALE, Sat., Sept. 22. Graduating seniors are pulling out some great stuff: surfboards, tables, recordbooks, dealers, multimeter, stereo equipment, pull-out couch and much, much more. Don't miss out on some great buys. 568 Brook Circle in Coventry Forest, off Reed Canal, S.D. in Coventry, 788-7379. Ask for Ray.

SURFBOARD, 5'8", double wing, swallow tail, 4 fin, good cond., \$130. Contact Dan, Box 3214 or 761-9007.

R.C. CHRISTEN EAGLE I, kit not for beginning modelers. Paid \$120, still in box. \$90. Call Sherman, 255-0797 or Box 6221.

FULL SIZE MATTRESS, \$10. Call Mark, 253-0929.

5 240Z RIMS in excellent cond., \$100. Call Mark, 253-0929.

TECHNICS SYSTEM, 35 W, quartz synthesizer digital rec. 10 W, 3 band equalizer, auto start and stop, metal tape case, tape deck, quartz driven automatic transport, 2 speaker cabinet, 8" drivers and 4" super tweeters. Must sell, \$800 obo. Call 253-0495.

Surfboard for sale 6'11" "6-Fire" with leash - good condition. Flat \$75 take it. Craig, 253-0778.

J.D. GUN SALES: Best the high cost of firearms. I am a student offering low prices on many different makes of firearms such as Colt, Smith & Wesson, Dan Wesson, Remington, Mossberg, Winchester, Browning, etc. Please call for 673-4935, John.

COMPOUND BOW W/QUIVER, 65 lb., adjustable, Mach 1. Drop note in Box 8259 or call 672-1693, ask for Joe.

DORM REFRIGERATOR, only 1 yr. old, approx. 2 1/2" tall. Call 257-6220, Fred.

DIVERS WATCH, Seiko titanium, top line, still in box, \$200. Call 255-6816 even, Bob 6417.

BEIGE DOUBLE BED SOFA, excellent condition. \$125. AM/FM stereo 8 track tape player - \$45. IBM Cartridge ribbon cassette typewriter (Olivetti model) \$130. Call Ext. 1037, Mary.

cycles for sale

'81 LATE MODEL 440 LTD, bob fair, runs excellent, looks great, windshield and backrest, \$300. Call 672-1693 or Box 8259, Joe.

'74 HONDA 500 DQHC, black, asking \$400. Contact Ed, 767-2520.

'79 KAWASAKI 650, 28,000 miles, excellent running cond., (oil changes every 1000 mi), \$450. Call Andy, 253-2759 even.

'80 YAMAHA 650 SPECIAL, w/Quickshifter fairing and adjustable backrest. Asking \$1,000. Call Mike, 252-9848.

'84 KAWASAKI (super) GPZ 750, mint cond., still under warranty, 4,800 miles, extras include: new Bell LTD helmet, new rain coat, padded backrest, rials mt. Price \$2,500. Call Jeff, 788-9106 or Box 6967.

'82 YAMAHA 400 MAXIM, new chain, tire. Just had tune-up, 14,000 miles, good cond., \$1,000. Call Ken, 252-2929.

'80 KAWASAKI 750, 4,500, red w/1/4 fairing, Andrews chain and valve springs, Lockhart oil cooler, braided steel brake lines, Barnett clutch and springs. Needs rear tire and seal recovered. Asking \$600. Leave note in Box 1453 for test ride.

'75 SUZUKI GT 550, Windjammer III fairing, crash bar, luggage rack. Nice cond. Only \$575 negot. Call 767-2479.

'80 YAMAHA SX 1100, new Kerker header, K & N airfilters, low bars, 10,000 miles, Dunlop Touring Elites, have stock parts and service manual. Leaving state \$1,300. 255-1977 after 6 p.m.

'78 650 YAMAHA SPECIAL, \$650, 2 helmets, cowls. Call 255-0188 or Box 7516.

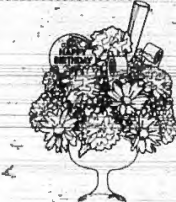
'83 YAMAHA 650 XS HERITAGE SPECIAL, 3,000 miles, mint cond. Call 756-2369.

'72 CB-175 HONDA, \$200 obo. Needs work, still under warranty. Leave note in Box 7975, Marty.

'81 YAMAHA 650 SPECIAL II, low mileage, great cond., includes 2 helmets and dry rider rain suit. \$1,200. Call 252-4913 after 5 p.m.

'77 KAWASAKI KZ 1000, 10,000 miles, Yoshimura competition pipe, Z1R low bars, high performance coils and spark plug wires. \$1,900 obo. Contact Rich, Box 6903.

'74 HONDA CB 200, helmet, \$175. Call 756-2640.



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COUNTRY GUITAR, 6 string, w/case and tuner. Like new, hardly used. \$100. Call 756-3511 after 8:00 p.m. Ask for Don.

SMITH & WESSON Model 29, .44 mag., 8 3/4" barrel, nickel, never fired. New \$425. 877-9995, John.

3 WAY STEREO SPKERS BY SINGER, Good rhytes at a ridiculous price. Nice set to start with, or add on to your current system. \$75 takes them both!! Phone 756-3716.

ANTENNA, Radio Shack VTL-110. Pick up channel 6. 33 crystal clear. Only \$36, with approx. 30 ft. of insulated lead. Phone Ext. 1163 or write Bob 6294. Mike Harpman.

YAMAHA GUITAR, \$80. Acoustic. 257-2263.

RCR 19" COLOR TV, has built in radio. \$175. Call 255-9777 after 6 p.m.

12" B & W TV like new \$45. Curtain \$41. 98" W off white w/brown trim \$20. 230 62" 62" 48" W off white w/bermud backing also, 2 ea 67" 1" 48" W red w/bermud backing. \$10 each. Phone 767-2677.

KENWOOD 700M power amp, 170 W. Ken. Ken. Radio/PHONO. Fresh new SB7000A speakers. Graduated and moving - must sell. Make offer. Bob, 767-9341.

MONTEMEYER WARD B/W TV 19", diag. very light. \$45. RCA B/W TV, 12" diag. \$40. Contact Rob, 255-6580 or Box 1143.

SONY AM/FM STEREO RECEIVER, solid state 30 W/ KJH interchangeable by Gerard, magnetic cartridge. Quon 4 way stereo. 12" woofer, 5 1/2" midrange, 5 1/2" tweeter, 2" bass reflector, built in Brilliance & midrange equalizers, 100 W/ cap. spkrs. List well over \$400. Sell all for \$225. Contact Rob, 255-6580 or Box 1143.

CYCLES FOR SALE, Schwinn 5-sp. touring bicycle, men's 27" wheel, \$127. Frame \$150-256-0465.

1978 C-132, Exec. Mech. Cond., W/Car. Ken. Radio/PHONO. Fresh manual, 2700 Tm, 600 STO, 1670 5MO, dual fog lights, new belt. Horizon, ELT, disc, pads & bearings, etc. Asking \$9200. Call (904) 761-0434.

BOOKS FOR SALE, Physics - \$21. Management Analysis - \$18. Call Holly, 767-2377.

TEXT BOOKS FOR SALE, PS 101 Chemistry: a first course, Kravchick, Winkler - \$15. AS 307 Physiological Training - \$4. MATH 101 - \$4. MS 210 Accounting Principles, Fess/Nirwonger - \$18. MS 210 Working papers for above/Chapters 1-100- \$5. Call Tom after 2:00, 255-4521.

CUSTOM AIRBRUSHING, Wholesale prices for teams/clubs. T-shirts, baseball caps, beer favors. Favorite aircraft, cars, bikes, truck, album covers, you name it! Many original 1st color designs! Many colors' creativity' endless possibilities!! We specialize in originality and our prices can't be beat! Call W4 Bill at 756-1588 or leave note, Bob 2665.

HOBBIE 16' 1982 trailer w/ box, super condition and many extras. 1983 Class A winner. \$3350 obo. Call 255-6580 or Box 1143.

WESTINGHOUSE A/C, window size, model inoperative 6000. New from charge, \$125. Contact Rob, 255-6580 or Box 1143.

ROSS CURBGRINDER beachealer 3-sp. shimsno devaluers, ex. cond., \$115. Contact Rob, 255-6580 or Box 1143.

14' HOBBIE CAT, Must see to believe. Yellow hulls w/Taquinilla sunrise sail. Trailer like new! Asking \$1850 obo! Contact Claudio at 252-3399 or Box 1371 after 10:00 p.m. please.

AJAY TRIMLINE family fitness center weight bench with cycle and arm pulley. 500 lb. capacity - brand new - don't have room for it. \$50. 258-0465.

FREE DISCOUNT POSTER CATALOG, Write: Art Factory, 9 West Rosemont Ave., Alexandria, VA 22301.

AIRFRAME AND POWERPLANT TOOL BOX, brandnew, still not used, only \$300. Selling in book store at \$330. Call 253-9264 after 6:30 p.m. Digital multimeter still in its box, never used, only \$95. Selling in book store, \$110. Call 253-9264 after 6:30 p.m.

WINDSURFER, \$300. Good cond. Call Rick, 252-0358.

MOTORCYCLE HELMET, Full face Bell Star LTD helmet, silver, 1983. Class A winner. \$75. Contact Armand at the Barrington Apartments no. 239 or Box 5682.

UTILITY TRAILER 8' 12", Dual axle, 4 very good radial tires, 6' side removable, perfect for moving, heavy duty steel frame, great price. \$650. 253-7338.

FLIGHT SUITS AND JACKETS for sale, \$30 for jacket, \$30 for suit. 255-7264, Chris.

SAILBOARD MK 1000 only 3 months old. 3 position centerboard, collapsible mast, European style racing sail. Call Larry, 767-7250.

MOPAR B14 rear drum (drum with 3.23 ratio, 3.200 obo, AOS type 2 headst. brand new, never used \$110 obo. Call 784-4253 after 6:00 p.m. or Box 3488, Dan.

1978 HOBIE 16', with trailer, extra sails, sail bag, double trapeze, harness, lots of extras. \$1550. 767-7272.

FOX EXTRA FIRM QUEEN size bed of 9000 with a 10 year warranty, asking \$300 obo. Call 784-7732.

ONE COMPLETE QUEEN SIZE BED set for sale. The set includes: mattress, mattress and frame. This set is in very good cond. and is going for only \$45. If interested contact Russ, thru Box 7652.

FURNITURE SALE, 1 - dining room table/chair, \$40, 1 - 2' couch, \$40, 2 - marble top end table, \$30 ea. 1 - compact stereo, \$30. Assorted kitchen items. Call Nick, 756-1746 or leave note in Box 2073.

DOUBLE BED with legs, 2 twin beds with chairs, \$160. 1 - 2' couch, \$40. For Mazda or Ford Courier, \$135. For liner, make offer on furniture. Moving, mail sale. Bob, 767-6421.

TWO TWIN BEDS for sale w/brand, brand, \$30. Call Ken, 251-6944.

MISC. FURNITURE for sale, sofa bed, \$150. 4 stack chairs, \$25 ea. Corner table, \$25. Room divider, \$20. Come see and take or make an offer. Call 761-4184.

QUEENSIZE WATERBED w/adjusted side rails & grooved headboard, \$140 (2) Cardboard dressers, (2) 72" x 72" vinyl roll up slippers, 5 shirt Elogers, Perceps tables, (3) firm memory books; Mgr. of Air Cargo, Elementary Strategic Concepts, Corporate Business Aviation. Call 253-9122.

KAYPRO II PERSONAL COMPUTER like new. With over \$2000 worth of software. 1 year old. Only \$1199.00. Call 767-4384 or post a note in box 1093.

KING SIZE HEATED WATER BED, includes 15 ft. mattress, liner, heater, thermostat, and frame. \$150. Complete living room furniture, matching, includes couch, rocker, chair, ottoman, two end tables and a coffee table, cushions are leather-look and reversible. \$150. Call 255-5651 and ask for Kevin between 6-10 p.m.

OR BEST OFFER, 2 solid oak dressers 40" high, 44" long - 2 10" B/W TV sets that work - 2 stereo speakers, homemade with high quality wooler and midrange

backrest - lights - foot locker and much more. Call 251-4787 in Cypress Village Apt.

BED FOR SALE, \$40. Call Derrick, last eve., 237-5675.

BASIC AEROBATIC INSTRUCTION in an Aerobic (C-152A), consists of loops, rolls, snaps, etc. For more info, contact Pete, 252-1664.

MATH TUTORING FOR FALL 1984: 846111, 112, 140, 141, 241, 242, 243, 641. Specialist in trigonometry. \$3/hr. Contact Fankle, Box 6841.

rooms for rent

WHY RENT? 1983 Champion Mobilr Home, 14' 0" screen porch, central air, 2 bdrms, (6 minutes from school, 761-7899) after 6:30 p.m. weekdays. \$495/weekends.

FEMALE ROOMMATE NEEDED, Share a 2 bdrms apartment in the Seabreeze area. 15 min. from E-RAU, 1 block from the beach. For more info, smoker, fall semester only. Rent \$162.50/month & 1/2 sec. Call cat 148 or 253-6781.

TWO ROOMMATES WANTED to share 3 bdrms 2 bath apartment. Rent is \$150/month and includes utilities. Furnished optional. Location: 2 mi. from school on Volusia. Contact Box 1104 Extra Clean.

ROOMMATES, Thanks a whole truckload for the copacetic racquetball game. We must do it again real soon - like 1997.

ROOM FOR RENT, \$137/month, pool, 3 miles from E-RAU, male or female. 756-3716. Ask for John.

PRIVATE POOL! \$137.50/month, 2 car garage, 1 carport, nice large house, full kitchen, cable, fireplace, ping-pong table, super E-RAU roommates, and yes, a real pool with water in it! (females or males) Ph. 756-3716.

ROOM FOR RENT - In 3 bdrms house in Holly Hill w/washer, dryer. Have your own room and phone. Nice house with all modern appliances. \$160/month. 1/2 util. Call 672-1741.

RESPONSIBLE PERSON TO RENT bedroom and sitting room in laundry home. Near bus and shopping, 5 min. from E-RAU. Kitchen & laundry privileges. \$225 1/2 utilities. Plus 1st month. Male or female. 255-8830.

APT. FOR RENT, 1 bdrms but can have 2 people. 1 twin bed, frig & stove, big bathroom, off Volusia, 5 min from school. All utilities paid - elec, water, everything. Must rent immediately. Have another place. \$225/month gets you everything for 2 people. Move in this week, get this month's rent free. Just need \$100 deposit. Leave note in Box 6774.

FEMALE ROOMMATE WANTED, to share two bedrooms apt. in Cypress Village. Split rent and utilities 1/2. Must be responsible. Non-smoking. Two pools, tennis and laundry. Call Mary at 212-6774 or leave message at 255-3667. Available first of month.

wanted
INTERESTED IN BUYING a used waterbed in good cond. with heater and everything. Offering between \$75 - \$100. Drop note in Box D201, George.

TUTOR WANTED! For solids ES 302. Must have had a 'B' or better. Will pay! Contact Vince in Box 7440, Fast.

SCUBA GEAR NEEDED, Will pay cash for scuba gear in good condition, price must be reasonable. Call me if he know what you have to sell. Wanted immediately. Call 756-1250, ask for Janice or Box 6743.

WANTED USED HP CAL, in working order. Call Joe, 257-8994, Box 6347.

TO ANYONE WHO IS INTERESTED in driving their car to the limits of its handling ability, or to improve or test your driving technique AutoCrossing is a growing sport in Daytona. Anyone interested in this sport, contact Doug, 237-6268 or Box 7925.

ORLANDO COMMUTING CAR POOL, interested in car pool from Orlando. Live in UCF area, commute every day. Call adjustment unit, Call Siddeig, 672-5555 Aeronautical Engr.

personals
PURPLE PERSON ONE, You are an imposter! I am the original purple person numero uno. You'll be talking to my lawyer, but I may let you write me out of court.
The Real Purple Person

Sigma Phi holds house-rocking rush

Sigma Phi Delta would like to extend a welcome back to the brothers and little sisters, and wishes everyone a good luck this fall. Special thanks go to all the brothers who contributed time and money to fixing up the house over the break. The north house received a fresh coat of paint inside as well as out, while general repairs were made on the south house. Also, special thanks to the little sisters for the new curtains in the main room of the north house; they are much appreciated girls!

On Friday night, we held a largely successful rush party, aided by brother Yenic's audio equipment, the house rocked and

danced until early morning. The atmosphere was aided by parties partaking of the Free Keg and punch, the latter donated by brother Paprocki. Thanks John! The brothers would also like to thank all the faculty members who attended, helping to make this rush an even larger success. There will be a follow-up rush this Friday, September 21st, at 8:00 p.m., All engineering students and faculty are invited to attend. Rides can be arranged by calling 252-9374.

On the social calendar for this trimester are: several famous Sigma Phi Delta Road trips. One to the Eastern Province convention, a trip to Sikorsky, several

parties, including a beach bash. So get involved, join Sigma Phi Delta.

AAAE

By Paul Anderson
For those of you who missed the meeting last week I would like to fill you in on what was discussed. Basically we introduced the club and its objectives to those newcomers who were there and we heard some encouraging words from our faculty advisor Mr. John Gannon. Some of the firm dates we have nailed down are the trip to Tampa by the end of the month and a dinner meeting November 2nd.

Another benefit of AAAE discussed was the Internships offered by many airports. Some of the Internships we currently have available are at Ft. Lauderdale Executive, Philadelphia Int'l, New York/New Jersey Port Authority, Kansas City, and the National Chapter is offering \$500 for traveling expenses in addition to your pay. You are also encouraged to contact any airport in your area or an airport you might like to work at and see if they can get an intern up for you. These are excellent opportunities to "get your foot in the door" with airport management so come on and get involved with AAAE.

Sigma Chi

By Frank Memolo
The brothers of Sigma Chi are back from their summer adventures, and spirits are high as the Fall semester begins. Our house has been shaping up thanks to the brothers, who have sharpened the appearance of their rooms.

Mark Happ, our Rush Chairman, loaded with ideas from Sigma Chi's workshop this summer, got our Fall rush off to a great start with our Wednesday night rush party. It was an enjoyable evening which allowed many students to learn about Sigma Chi and the fraternity system here at Embury-Riddle. It also gave the brothers a chance to tell of their personal experiences and benefits as a brother of Sigma Chi.

Newly elected officers are: Ed Colcholic - President, Geoffrey Kaufman - Vice President, Kevin Lower - Secretary and Bruce Jones - Treasurer; all of whom will provide a solid leadership foundation.

For anyone who is still interested in learning about our chapter, we will be having two more rush parties, one Wednesday, September 19 and Friday, September 21. If you need a ride or more information, feel free to call us at 252-2277.

AAS

(Continued from page 6)

throughout their quest to become AAS members.
Congratulations are in order for AAS member Armando Segarra. Armando is a past member of the Society, but decided not to continue in AFROTC this year. However the membership unanimously agreed to offer Armando a rare honorary membership at his request, and we are glad to have him with us once again. That's all the news for this week, see you at the carwash!

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First jobs

Stepping stones for future career advancement

By Harold S. Iszen

Choosing a first job can be as easy and natural for you as a hawk soaring over the mountains, or it could be as calculated and deliberate as a Shuttle launch. In any case, it will be one of the most significant decisions that you will have to make. After all, a job is more than someplace to spend eight hours a day; it is the source of financial security and material wealth. Your job also has a lot to do with your role in society; corporate executives are awarded all kinds of special consideration while bums get little (if any) respect. The job you choose when you leave Embry-Riddle will be a factor in determining where you fall in that spectrum.

Here's what is most important about your first job. It is the first step in your career development. While an education and degree earned at Embry-Riddle provides a solid foundation that you will never lose, you are more likely to be judged by your most recent accomplishments. There is no substitute for actual work experience; first jobs are opportunities to prove that you are more than "book smart." It's the payoff for wading through all the theories and equations taught in "classroom"; you will finally be able to try them out in actual working conditions and gain rewards, or suffer setbacks for successes or failures. A good performance on your first job should lead to a better second

job, and then you've established a pattern for achievement that should allow you to develop a successful career.

What factors should you consider when job hunting? This is a relatively new question in terms of the work history of humans on the face of the earth. Until recently you would have little or no choice in determining how you would earn money to keep yourself and your family alive and healthy. The majority of workers in the world are still forced into taking just any available job with little or no consideration given to preferences or abilities. But as college educated people in the highly technical field of aviation, our future is very promising indeed.

Graduates in many degree areas will be able to choose between many job offers.

You have already made a limiting decision as to your future just by enrolling at Embry-Riddle; obviously few of our graduates will end up as art teachers. However, there is still a wide range of job possibilities within each degree program. The first step in starting your job search is looking at your qualifications and interests, and seeing how they match up to jobs available. If you hated engineering graphics class, you probably

won't do a good job as an engineering draftsman. However, if personal comfort is only minor, it's no longer important to try to figure out what it will take to pass physics, but that doesn't mean that your student life is over. Remember, the majority of computer and electronic technology now in use has only been developed in the past two decades. You have chosen a technical career in a time of rapid technological advances. In order to be an effective worker, you will have to keep up with the new information.

However, since nothing is ever exactly the way you expected it to be, you may find yourself in a job that isn't what you wanted. Or maybe you have decided that you would like to be an art teacher after all. There is nothing to stop you from seeking another job, or another career. Making thirty thousand a year is poor compensation if your boss is a fanatic; the job makes you miserable and your co-workers are a bunch of lazy jerks. Learn from your experience and try to figure out what would make you happier in your next job.

Christmas freeze destroys ballfield evergreen trees

By Richard Calvert
Avion Staff Reporter

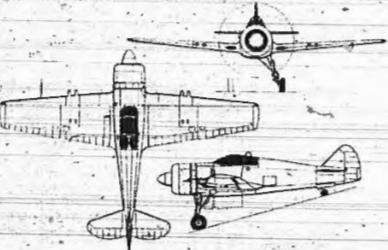
Anyone driving down Catalina Street toward the Volusia Mall may notice what appears to be the aftermath of a mud wrestling tournament at a local nightclub. Once a field of majestic Australian Pine trees, the area next to the ball park now lies barren, yielding only muddy water and broken branches.

The trees, recently removed from the site, were devastated by several severe cold spells last winter; some hearing temperatures well below the freezing point. According to workers at the Garden Gate Nursery, the Australian Pines can endure temperatures down to 25 degrees Fahrenheit without sustaining any major damage. The temperature, however, not only fell below that, but remained low for two to three days, sometimes causing a wind chill near zero degrees. Obviously, trees that thrive in a tropical climate could not withstand such a frigid extreme for long.

According to the Division of Parks and Recreation, though the trees did serve to enhance the natural beauty in the vicinity, they also played a significant role in lighting the ballfield itself. Apparently, the light tended to reflect off the trees and return, to assist the direct lighting of the park. When asked if the Division had any plans to refurbish the area, the Parks Director stated that in reality, the land is owned by the airport, and it was

therefore not within his jurisdiction to act.

At the FAA office across from the field, Mr. Harry Stewart commented that once the trees died, they presented a major fire hazard in themselves, as well as to a fuel tank farm located nearby. He also said that the airport would probably complete its clearing of the field and plant grass upon it, in order to avoid a repetition of last winter's devastation.



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