

THE AVION

Sponsored by the Embry-Riddle Aeronautical University
Student Government Association

"The AVION: somewhat smaller than Life"

Volume VII

July 30, 1971

Number 6

Changed by Dean of Men

Student Court Plan Altered

Will ERAU students accused of violating school rules now receive a trial with a jury of their peers? If a proposal by Student Senate 1st Vice President Dan Smock and 3rd Vice President Hank Cothran goes through this could become a reality. The plan was submitted to the Dean of Men for review and the dean made numerous changes. These changes include moving the function of chairman from any Senate Vice President to a faculty member appointed by the administration, changing the method of appointment of the jury from a function of the Senate to a function of the Uni-



DEAN SPEARS, IN ORDER TO STRENGTHEN THE STUDENT, MODIFIED THE PLANS

versity President, changing the appeal procedure from one of choice by the student to a system where the University Vice President of Student Affairs reviews every verdict and makes any changes he wishes. In the original proposal the decision of the court was final unless the student wanted to appeal it, whereby the Vice President of Student Affairs could dismiss, uphold, or reduce the penalty.

Vice President Cothran commented that if the court instituted with the recommendations of the Dean of Men it would be nothing but a "puppet of the administration."

ERAU Will Handle Own Security

Beginning the first of August the familiar Wackenhut uniform will be seen no longer on the ERAU campus. In its place will be an Embry Riddle security uniform filled by a Riddle student. The plan was originally initiated when the administration decided to our students instead of handing it to an outside organization.

Set up on the basis of Stetson's student security system, ER's was formulated by Roger Moody. This system employs about 20 students who have received training and are now ready to assume their duties. The security guards will assume all duties formerly handled by Wackenhut and have the full legal backing of the University.

SGA Presents Award to Zeppo's



STAN WIDAK PRESENTS SGA PLAQUE TO ED TAFT

On Friday of last week, Ed Taft, owner of Zeppo's Restaurant, was presented with a plaque from the ERAU Student Government Association. The plaque which was presented by President Stan Widak, is in recognition for Mister Taft's numerous contributions to ERAU.

For each blood drive in the past two years, Mr. Taft has donated free dinners, and in the last blood drive, he gave a free dinner to everyone who donated blood. Last spring, at the end of the baseball season, the entire ERAU Baseball team was treated to a free meal at Zeppo's.

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AIAA Not Just for Engineering Types

by Donald Weiner

On July 22, 1971, the ERAU branch of the American Institute of Aeronautics and Astronautics held a meeting at the academic complex. The purpose of the meeting was to elect officers to the organization and try to get more students to join the society. I decided to attend the meeting to see what the organizations functions were. I had always thought that the organization was engineering oriented and was surprised to find that it is not only for engineers, but for all students in the aviation field. The reason I am writing this article is that I joined the AIAA and along with Charles Matlock was appointed to the membership committee. We both would like to see an increase in membership from all programs at ERAU.

The AIAA is broken down into three groups: regular membership, corporate membership, and student membership. The main function of the AIAA is to keep its members up to date on what's happening in the field of aviation and space. The AIAA supplies its members with films, guest speakers, technical data, and monthly magazine, along with various other services related to the aviation field.

The next meeting will be on Tuesday, August 3 at the academic complex, in room 108, at 7:30 pm. There will be a film and short meeting. We would like to

see many of you at the meeting. There is no obligation to join. Please try and make it!

For more information on the AIAA please contact:

Donald Weiner-Box 4348, or
Charles Matlock-Box 367.

Your Link with Professionals in the Field....

is as simple
as signing
your name!

To: The ERAU Student
Branch of American
Institute of Aero-
nautics and Astro-
nautics

ERAU BOX AIAA

EMBRY-RIDDLE MAILROOM

PLEASE SEND ME FURTHER
INFORMATION AND AN
APPLICATION BLANK.
NAME _____

ERAU BOX # _____

DUE TO STUDENT APATHY THE
REST OF THE SPEAKING OUT
PAGE HAS BEEN CANCELED

"I came here to get a
degree--
Not a education!"

Anonymous

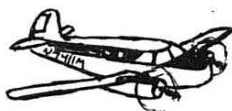
WISE HOBBY & TOYS

PORT ORANGE PLAZA

MODEL AIRPLANES-RADIO CONTROL EQUIP.

CARS

SHIPS



MODEL ENGINES:

FOX, O&S, COX, ENYA,

K&B, VECO, McCoy

PLASTIC & WOOD KITS
SCALE AND FLYING MODELS
SLOT RENTAL TRACK



OPEN TIL 6, FRIDAY TIL 9 767-6391

FLIGHT FACTS

by Bob Lee

1. Bird strikes occurring to aircraft usually reach a peak in October over a years time. They average about 800 strikes. About 70 % occur during take off and landing. 20 % result in considerable damage to aircraft engines, windshields, and wings.

2. Aerolineas Argentinas claims to operate the world's longest non-stop scheduled flight- Buenos Aires to Madrid, 6,462 miles!

3. Ever since weather radar was installed on its fleet of airliners, UAL planes have suffered no hail damage. Savings in repair more than paid for the equipment.

4. On October 3, 1967, Major William Knight (USAF) became the first man to fly a winged aircraft at hypersonic speed. He piloted the X-15 to Mach 6.72 (4,534 mph).

5. In terms of speed and payload, the 747 is 60 times more productive than the DC-3.

6. The New York to London Air Traveler spends 1/3 of his travel time covering 1 percent of his journey-going to and from the airport.

News & Views

from the Editor's desk

As of September 1, new parking stickers will be required by all students and faculty operating motor vehicles on campus. All 1971 stickers with an expiration date of December 31, 1971 will be invalid! Failure to pick up a new sticker will result in a \$10 no registration fine.

Student Ads

It has come to my attention that many students do not know that they may place classified ads in the AVION. There is no charge for this service to students. Ads will be run on a one issue basis; should you wish the ad to be renewed, you must notify the AVION by the deadline which is Monday at 4:00 pm.

Flight Council Report

by Edward C. Monoski

The monthly meeting of the Flight Council was held on July 22 at the Holiday Inn West. Many items were discussed, some newsworthy.

A question arose about the availability of the Mooney for X-C flights. Some students were under the impression that they could not rent this aircraft for flight outside the practice area. This was brought about by the dispatcher refusing the issue of said aircraft for the purpose of X-C flights. The question was answered with the reply that the Mooney is available for cross country at \$20.00/hr provided it does not interfere with the regular training schedule for that aircraft.

The Flight Department is in the process of re-writing the Private, Commercial, and Instrument courses, and are also working on a new grading system for flight students.

One student brought up the fact that on weekends and sometimes during the week, the practice areas are very crowded. He asked of the feasibility of going to the FAA and getting the areas marked on the chart as alert areas. The reply was that it would be looked into.

Rumor has it that 2 Beech Barons are on the way to replace the D-18's. To a certain extent this is true. The approval of the Board of Trustees has been granted to look for such aircraft but as of this time nothing is definite.

Rumor also has it that ERAU is getting Lear Jets! Again not true. The scoop on this is that the Flight Dept. will offer a Lear Jet ground school course. Those students passing the course would be eligible to take a type rating in the aircraft. However ERAU would contract through the Lear Jet people, who would offer the flight course.

On the subject of simulators, a few things were brought up. Certain students complained of the scheduling of these fine machines. It was brought out that the Department has the approval of the upper echelon to purchase

one more GAT-1 and that Navy twin engine relic of a simulator is to be delivered and set up any day. The twin simulator has an impressive 350 kt cruise speed.

It seemed that the biggest gripe of the students was the write-up of the faulty equipment on the aircraft clipboards. It seems all too often students don't write down what is wrong with an aircraft upon return from a flight. This is not at all safe for a student who uses the plane next. If things were written up properly, and the wheel chocks were put under the front wheel when fuel is needed, greater utilization of the aircraft could be accomplished. So to guard against your own inconvenience, and of most importance, in the interest of safety, write up all discrepancies and follow all rules of the flight line.

The expected flight enrollment for the fall is 475 students. A new system has been initiated which is giving the presolo students an option to come to ERAU around August 5th, so that they can be soloed before the start of the regular trimester. So far, 60 have signed up. This should relieve a lot of pressure at the flight line in September.

Young Republicans

The ERAU Young Republicans have been ultra-active in the usually slow political period of the Florida summer. Most of our membership has departed for the North, so the skeleton crew has been rattling around trying to get the work accomplished.

Most of the big guns have been primed for the fall, with voter registration planned (18 years and up now- it's the law), guest speakers, e.g. Barry Goldwater, and many Florida wide conferences and political activities. It looks like a good year.

Many have asked "What do you do as a Y.R.?"

The Young Republicans can be compared to a prep course for active politics.

Every quarter there is either a convention, Lead-

VETS ASSOC.

Our most successful Beach Party of all times was held Saturday, July 17. The fun began at 12 noon and roared on until 12 midnight! With 2 kegs of beer, rough and tumble volleyball games, frisbees, football and swimming, we survived heat, humidity and thunderstorms! True to VA tradition, we had a real blast! (some more than others I'm told.)

Last Friday our regular meeting was held at the Boars Head Lounge. Our guest speaker, Mr. Karl Brown, gave an interesting and enlightening lecture on "Booby Traps in the Cockpit", which provided the membership with much "food for thought."

Our traditional Picnic will be held at Ponce De Leon Springs, Deland, Fla. on Sunday, August 1st. More information on that will be sent to the member ship.

The VA is holding a "Fire Sale" August 2-6 in the Used Book Store. All outdated text books can be purchased for 15 % off the original price of the book. This is a great opportunity to pick up some useful reference and supplementary material for your courses.

Get a head start on next trimester-- buy your books at the VA Used Book Store!

ERVAWA

by Shirley Stover

The Wives' Aux. is again making preparations for a major project. A rummage sale is slated for August 7th, at Westgate Plaza, beginning at 9:00 AM. Articles are now being collected for the sale and will be stored at Pam Yetman's. Anyone having any rummage they wish to donate, please contact Shirley Stover - 677-0774. Arrangements can be made to pick up the donations by the auxiliary. There will be an emergency meeting of Our organization before the sale. You will be notified.

Just a reminder of the Vets picnic at Ponce de Leon Park, on Sunday, August 1st. Hope to see everyone there.

RING DAY

AUG. 3

**A REPRESENTATIVE FROM
THE JOHN ROBERTS RING
CO. WILL BE IN THE E.R.
STUDENT CENTER TO-**

**answer questions
take orders
take complaints
FROM 10 - 3**

MILEX TUNE-UP

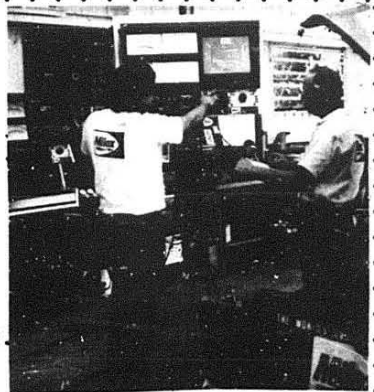
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BRAKE OVERHAUL INCLUDES
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NEW LININGS-ALL FOUR WHEELS
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HOURS: MONDAY-FRIDAY 7:30 a.m. to 4:00 p.m.
SATURDAY 7:30 a.m. to 3:00 p.m.
DRIVE-IN OR CALL FOR APPOINTMENT

safety tips

by Curtis Poree Jr.

The following article was taken from Flight Safety Facts, May 1971.

THE PILOTS CREED

I AFFIRM that I shall hold in sacred trust the rights and privileges that have been confirmed upon me as a Pilot.

I DEDICATE myself to eternal vigilance over my physical and mental well being, to hold as inviolate my responsibilities to the passengers who entrust their safety to my skill and judgement, to my fellows who depend upon me to faithfully follow established safe procedures to the aviation industry that continually strives towards greater achievements and to my country which confers upon me the moral and economic obligations for the safe conduct of flight.

I AM PROUD of that determination that has sped others in a relentless search for knowledge contingent upon safety and I do herein assert that the safe pursuit of flight is a goal that I will endeavor to achieve and perpetuate for those who follow.

I SHALL never knowingly permit another to fly in an aircraft which I suspect to have sustained damage or that may not be airworthy for any reason, nor shall I subject others to risks because of my negligence.

I ACCEPT the grave responsibility that is mine and pledge unyielding adherence to these precepts for the continuing advancement of aviation and to further the dignity of my profession as a PILOT.

Pollution Control
Board

Tallahassee

COMPLAINT CALL-IN LINE
(FREE)

(904) 224-9226

DAY OR NIGHT

Musical Chairs

by Hank Cothran

There is a new intramural sport on campus this summer. It is called "Musical Chairs" and the team is made up of SGA Senators. Ground rules for the game are very complex. Considerable meaningless debate is required and then comes a weekly switching of positions on issues involving student welfare and student activities fees.

The pre-requisites for team membership are as follows. You must be hard headed and have the ability to listen but not hear what is being said. This latter ability allows team members to engage in meaningless debate and ask redundant questions. It is helpful, but you don't have to be a member of the Senate to participate.

The team practices on Tuesdays from noon until about 1:15. The only time debate is null is when a motion to adjourn is made. Special practices are held on Fridays. The team is practicing hard for an active Fall Season. It is expected that they may move to become professional at that time.

Students are urged to sit in on practice session and root for your team. You'll be surprised at how amateurish these professionals are.

Anyone knowing the whereabouts of the ERAU Administration, Please tell them.

For What It's Worth

ADMISSIONS requests any employee or dependents of an employee who plan on enrolling as a new student for the fall trimester to please make formal application to the Admissions Office no later than July 30, 1971. (Note the qualifier: enrolling as a new student!)

FLYING MAGAZINE representatives visited campus last Monday. Frank LeBeau from the home office in New York and Bill Browning from the Atlanta office of FLYING flew in for dinner and discussion of the use of the computer read out incorporated into their reader service section.

Alumnus Commissioned

Philip R. Lepley, son of Mrs. Jessie P. Lepley, Chelan, Wash., has been commissioned a second lieutenant in the U.S. Air Force upon graduation from Officer Training School at Lackland AFB, Texas.

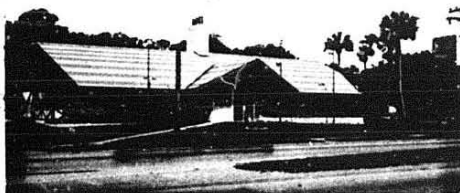
Lieutenant Lepley, selected for OTS through competitive examination, is being assigned to Randolph AFB, Texas.

A 1966 graduate of Chelan High School, he received an A.S. degree in 1968 from Everett Junior College (Wash.) and a B.S. degree in Aeronautical Science in 1971 from Embry Riddle Aeronautical University.

The lieutenant's wife, Terrie, is the daughter of Mr. and Mrs. Ray O'Neal, Star Route, Chelan.

SIR STEAK

Family Restaurant
BREAKFAST LUNCHEON - DINNER



1130 S. RIDGEWOOD AVE. OPEN 7 A.M. - 7 DAYS
PHONE: 253-0303
255-0021

FROM 4:30 to 6:30
WITH MEAL OVER \$1.00-
SALAD and FIRST COFFEE or SOFT
DRINK for YOU and YOUR DATE at
NO ADDITIONAL COST. (show i.d.)

SERVING SANDWICHES,
SALADS, SEAFOOD,
CHICKEN and STEAKS.

SEE MENU POSTED
IN STUDENT CENTER



ΣΦΔ

AHP

GREEKS

ΔΧ

ΣΧ

ΑΡΩ

Alpha Rho Omega

Sigma Chi

Delta Chi

The newest, most versatile fraternity on campus, Alpha Rho Omega, has grown to be one of the strongest fraternities during the summer months at ERAU. Usually a slow time of the year for other fraternities, the summer sun has kept many of the truly interested students here at ERAU. Those being the A&P AMM and AMET brothers of Alpha Rho Omega.

Our pledges are a great bunch of guys and we have many worthwhile projects and functions to keep every brother busy. The weekend of July 3-5, we were privileged to have a few of the brothers serve at the annual Alumni Convention. Mike Reilly, Gary Stover, John White and Bill Ball enlisted and informed the former students of this University.

If you are in one of the A&P based programs or have an A&P license, we welcome you to your fraternity. It was organized for you, the Maintenance Technology student. The two remaining meetings are July 28 and August 11 at 7:00 PM in the 2nd floor study of Dorm 1. Help us plan the Fall Trimester's activities. Sincerely, The Brothers of Alpha Rho Omega.

by B. Allsup

The brothers of the Eta Iota chapter have had a quiet past two weeks and consequently are short on news. Our invitation to all students to come and visit with the brothers at our house is still open. We are always glad to explain Sigma Chi's objectives.

The rush chairman and Consul are busy working on this fall's rush program. We hope to have our largest rush in September to help off set our graduating brothers.

Well thats all we have for this time- have a good summer.

by Marty Pegelow

Things are starting to shape up for the fall as we get ready for another great year on the ERAU campus.

We cordially invite anybody interested in seeing what we have to offer to drop a note in Box 1447 and we'll stop by and have a talk with you.

As we've said before, we're interested in mature college students who are interested in a meaningful non-hazing pledge period, with the emphasis on brotherhood and service with good times thrown in to balance it out. Think about it!

Placement News

If you need to work part time while attending ERAU, the Placement Office has many jobs available in local service stations, department and convenience stores, hardware stores and a local marina. For information on part time employment, please stop by the Placement Office.

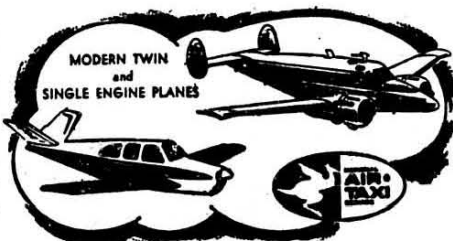
Graduating students who may desire assistance thru the Placement Office should stop by and fill out an information sheet.

Barbara Ahouse.

Youth Advisory Group to Meet Here, Aug. 7

On August 7, on the ERAU campus, there will be a meeting of the Florida Branch of the Presidents Youth Advisory Committee to the Selective Service. Nationwide, these committees have been instrumental in the Draft reform which has taken place over the last two years. If there are any question concerning the function of the committee or concerning any technical aspect of the Draft, contact Charles Matlock Box #307.

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MUNICIPAL AIRPORT
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Bonanza F35	150	Yankee	Cherokee 140
Bonanza N35	172		Apache

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LOW PRICES**

\$25 initiation fee
\$10 per month dues

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

SGA SENATE mini-minutes

recorded by: j. a. rinkle

edited by: ron devoy

July 20, 1971

The twenty-sixth regular meeting of the SGA Senate was held today in Room 108 with six Officers and twenty-six Senators attending. The meeting was called to order at 12:10 by Speaker of the Senate Ron DeVoy. The minutes of the previous meeting were accepted as written unanimously.

Facilities and Food Service. A coin changer for quarters has been installed at the new complex snack area. Effective September 1, ERAU will take over maintenance at the new complex. Students are asked to notify the Facilities Committee about non-functioning doors, leaky windows, and other discrepancies they encounter around the campus. Ron Bateman noted for the third time that the Dorm II swimming pool is still dirty and suggested that a student could be hired to clean it at least once a week. Sands uses a coding system for determining the length of time food is left in the machines. Unfortunately, the route man does not seem to understand the coding system, as witnessed by the rich supply of penicillin mould encrusted on some of the sandwiches.

Publications. The PHOENIX 71 is half finished. Final deadline for the publishers' is July 30. The book will be distributed in late October or early November.

New Business. A motion to create a committee composed of SGA members and one or two members from each interested campus organization to oversee the development of the new Student Union was passed, 22 for, 0 against, 3 abstaining. President Widak appointed Jim Owen chairman of this new committee.


Athletics. Bob Beech reported the results of the recent Athletic Policy Committee meeting: The budget has been increased in every athletic area. Mr. Wurzbach has been designated Athletic Director. The question arose of whether or not to give Veterans and students who have participated in two trimesters of sports credit for the physical education course. The Athletic Policy Committee will supply the AVION with all rules governing athletics at the University upon request. There is no school track team because there are no other track teams in the area to compete against.

The meeting was adjourned at 1:20 pm.

July 27, 1971

The twenty-seventh regular meeting of the SGA Senate was held today in Room 108 with seven Officers and twenty-two Senators attending. The meeting was called to order at 12:10 by Speaker of the Senate Ron DeVoy. The minutes of the previous meeting were accepted as written unanimously.

CONTO



BURGER KING

gets it all together with the WHOPPER

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



Golf Coach

President's Report. President Widak appointed the following Senators to the Social Functions Committee to handle the upcoming barbecue: Ron Bateman, Paul Arnold, Bob Beech, Harry Dawson, Dennis Ferguson, Fred Arbab, Ried Jewett, Richard Spicer, Robert E. Lee, and Bob Knight.

First Vice President. The Student Center jukebox is in its death throes and represents a constant outlay of money for new records and repairs. The Senate would like to know what students think of replacing the jukebox with an AM-FM stereo tuner, which would supply a greater variety of music (no more two-hour renditions of "Santa Claus Is Coming To Town" because the jukebox got stuck).

Second Vice President. There will be a Ring Day Tuesday, August 3, from 10 am to 3 pm.

Third Vice President. The Student Jury has undergone several changes. Complete details will be published once they are finalized.

Coordinating. Since many of the Coordinating Committee's duties are duplicated by other committees, a motion to abolish the Coordinating Committee and to set up an Election Committee at the last meeting of each trimester for the purpose of handling the next election was passed, 24 for, 0 against, 2 abstaining.

Curriculum. The Curriculum Committee has reviewed the proposal of extending the Calculus course to three trimesters and discussed the use of lesson plans in all curricula. The Committee recommends the prompt return of tests; clarification by the administration on the use of old test papers; consistency in the presentation and testing of courses taught by more than one instructor; and more "advising" by faculty advisors. There is no basis to the rumor that the Applied Math program will be discontinued.

Facilities and Food Service. Sands hostess Mrs. Margaret MacDonald will be at the Student Center from 7 to 11:30 am and at the new complex from 11:45 to 1. Students entitled to refunds should see her--the refunds will be held for two weeks. If students would stop depositing sun tan lotion, beer cans, clothes, and everything else except their bodies in the Dorm II pool, the maintenance department would be able to keep the pool clean. As for last week's penicillin-burgers, Mr. Kurt Hughes, Sands manager, has inspected all areas of food vending at ERAU, and efforts are being made to correct deficiencies.

Publications. Thought is being given to establishing a classified ad page in the AVION. Meanwhile, the AVION will continue to publish ads submitted by students free of charge.

Social Functions. There will be a barbecue Saturday, August 7, at 2 pm at Dorm I, featuring food and drink.

Student Aid Fund. Results of the Financial Aid Office's review of Student Aid Fund applications have not yet been received.

Evaluation Board. The SGA Constitution is undergoing thorough scrutiny and will be updated and rewritten this fall.

New Business. I. D. card photos will be taken between 7 pm and 9 pm August 5 and 6 at Dorm I. (I. D. will be required at the August 7 barbecue.)

The meeting was adjourned at 1:10 pm.

TREASURER'S REPORT

July 10	Balance forwarded		3,229.83
15	Check 1582 - Norman K. Brown - initial funding for the ERAU Shooting Team	50.00	3,179.83
	Check 1583 - J. Rinkle - secretary	30.00	3,149.83
19	Check 1584 - Beyer and Brown - new records for jukebox	14.95	3,134.88
	Check 1585 - Films, Incorporated - "Gunn"	47.25	3,087.63
24	Check 1586 - J. Rinkle - secretary	30.00	3,057.63
27	Check 1587 - S. Price - paratyping SGA award certificates	29.62	3,028.01
	Deposit - SGA fees and traffic fines collected during June	775.00	3,803.01

SPORTS

Race This Weekend

If you're bored and do not have anything to do this weekend there is plenty of action at the Daytona Speedway.

Saturday and Sunday will see the Paul Whiteman Trophy Race with everything from Formula Vee Volkswagens to 7 liter Corvettes competing in the 10 race series.

The races, five each day, will be run on the flat infield and high bank tri-oval so there should not be no deficit in the action department.

If you're looking for something to do over the August break the Alabama International Raceway will provide racing for the IMSA and Grand National races on the weekend of August 21-22.

Sports Budget OK'd

ERAU will jump into the NCAA sports scene in 71-72 with some much needed financial backing from the University.

This year's sports budget was approved by the Athletic Policy Committee last week. In addition, the committee approved the appointment of Coach Ed Wurtzbach as ERAU Athletic Director. Wurtzbach will co-ordinate ERAU sports activities.

Fill Up At

JACK'S AMERICAN



- *mechanic on duty
- *diesel oil
- *major credit cards honored

And

LOWERY'S BAR

- *pool table
 - *shuffle board
 - *draft beer
 - *wine coolers for ladies
 - *sandwiches
 - *package wine and beer at drive-up window
- corner of Nova and Bellview Roads



THE ERAU SAILING TEAM WAS ON ITS WAY TO A NEW "OVERLAND" DISTANCE RECORD, WHEN THE BOAT SUDDENTLY WENT OUT OF CONTROL, RAN A RED LIGHT AND WAS HIT BROADSIDE BY ERAU PHYSICAL PLANT VEHICLE.



WILL THE "DYNAMIC" DRIVER OF MOCK 1 MUSTANG, LICENSE NUMBER 8-18176, PLEASE MOVE YOUR CAR-- YOUR FRONT TIRE IS RESTING ON WALLY SHANZ



AVION PHOTOGRAPHER, REPORTER, CO-EDITOR, SPORTS EDITOR, PART TIME LAY-OUT PERSON, AND MOUTH, SPENCE PRICE, RECOUNTS THE GRIZZLY STORY, AFTER WITNESSING WALLY SHANZ UNTIMELY ACCIDENT IN ERAU'S CARPORT.

The Turbo-Encabulator Story

by Bob Lee

Preface

Airplane drivers, Airport managers, Aeronautical Engineers, who needs you? Your degree and 16¢ will buy you a cup of coffee at Lester's. Because the precedent has been set with the Pentagon Papers (and in an attempt to rectify your plight) I feel the time has come to pass on to you perhaps the most important information that you may acquire while attending ERAU.

When you get out in the "real world", and your in the middle of that long-sought-for job interview, bring up the topic of the Turbo-Encabulator. Impress them. Make them look like fools for not knowing of its existence. Rest assured that if they throw you out, you wouldn't want to work for such a close-minded company anyway!! Ergo! Here it is--

THE TURBO-ENCABULATOR IN AVIATION

For a number of years now, work has been proceeding in order to bring perfection to the crudely conceived idea of a machine that would not only supply inverse reactive current for use in unilateral phase detractors, but would also be capable of automatically synchronizing cardinal grammeters. Such a machine is the Turbo-Encabulator. Basically the only new principle involved is that instead of power being generated by the relative motion of conductors and fluxes, it is produced by the modal interaction of magneto-reluctance and capacitive directance.

The original machine had a base-plate of prefabricated amulite, summounted by a malleable logarithmic casing in such a way that the two spurving bearings were in a direct line with the pentametric fan. The latter consisted simply of six hydrooptic marzelvanes, so fitted to the ambificient lunar waneshaft that side fumbling was effectively prevented. The main winding was of normal lotus-o-delta type, placed in panen-dermic semi-boloid slots

in the stator, every seventh conductor being connected by a non-reversible tremie pipe to the differential girdles-spring on the "up" end of the grammeters.

Forty-one manestrically spaced grouting brushes were arranged to feed into the rotor slip-stream a mixture of high S-value phenylhydrobenzamine and five percent remenerative tetryloidohexamine. Both of these liquids have a specific pericosity given by $P=2.5C_n-7$. Where n is the diathetical evolute of retrograde temperature phase disposition, and C is Cholmondeley's annular grillage coefficient. Initially, n was measured with the aid of metapolar refractive pilfrometer, but up to the present date nothing has been found to equal the transcendental hopper dadoscope (See "Proceedings of the Polish Academy of the Skatological Sciences", June, 1914).

A&P students will appreciate the difficulty of nubing together a regurgative wannel-sprocket. Indeed, this proved to be a stumbling block to further development until, in 1942, it was found that the use of anhydrous nangling pins enabled a kryptonastic bolling shim to be tankered.

The early attempts to construct a sufficiently robust spiral decommutator failed largely because of a lack of appreciation of the large quasi-piestic stresses in the gremlin studs, the latter were

specially designed to hold the roffit bars to the spamshaft. When, however, it was discovered that wending could be prevented by a simple addition to the living sprockets, almost perfect running was secured.

The operating point is maintained as near as possible to the H.F. rem peak by constantly fromaging the bitumogenous spandrels. This is a distinct advance on the standard nivelsheave in that no dramcock oil is required after the phase detractors have remissed.

Undoubtedly, the Turbo-Encabulator has now reached a very high level of technical development. It has been successfully used for operating noffer trunnions on several sophisticated aircraft. In addition, whenever a bare-scent skor motion is required, it may be employed in conjunction with a drawn reciprocating dingle arm to reduce sinusoidal dep-leneration.

Faculty, Administrative personnel and students requiring ERAU identification cards should come to the lobby of Dorm 1 between 7 and 9 PM in the evening Thursday and Friday August 5 and 6.

Due to the large influx of unauthorized students at the last barbeque all students must present their ID cards to be served food at the August 7 barbeque.






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ership Training School, or some other statewide activity that members of our club attend. These activities are geared to the 18-40 age group with strong emphasis on college level participation.

It's like a three hour American National Government course in two days. The enthusiasm of the YR's at these gatherings is contagious, and if you attend one, you're hooked for good.

Not all the time is spent in serious politicking. Like any other convention there's wine, women, and song (watch out she's probably trying to influence your voting).

Between the quarterly activities our club meets regularly for talk and planning, usually in the pleasant surroundings of the Beef and Bottle. These meetings are very informal and most often we have a couple of drinks, finish our business and leave. You don't have to eat there. If you're so inclined however, you may stay and close the bar down with Ray O'Donohue, and Jack Mullican entertaining with war stories.

Our club is unique in the fact that the membership changes rapidly due the many graduation times at Embry-Riddle. Officer positions are open very often, so an active new member can move very quickly to a responsible position. We are looking very diligently for a promising freshman who would like to learn about Florida politics and be ready for a state level office after two or three years.

If you're interested in joining our club or just coming to a meeting to see what's going on, contact Steve Barbour or Terry Roberts or any of our members for details. Signs are posted around the Academic Complex for date and time of our meetings, so feel free to just drop in--

We would like to say goodbye, good luck and thanks for a fine job, to Reid and Sandy Jewett (our Vice Chairman and wife). We hope your political future is bright and you remember us (preferably in the form of a large donation).

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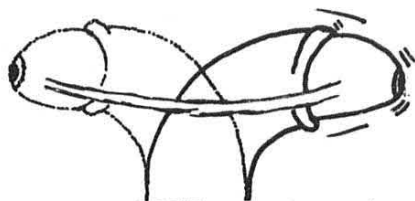
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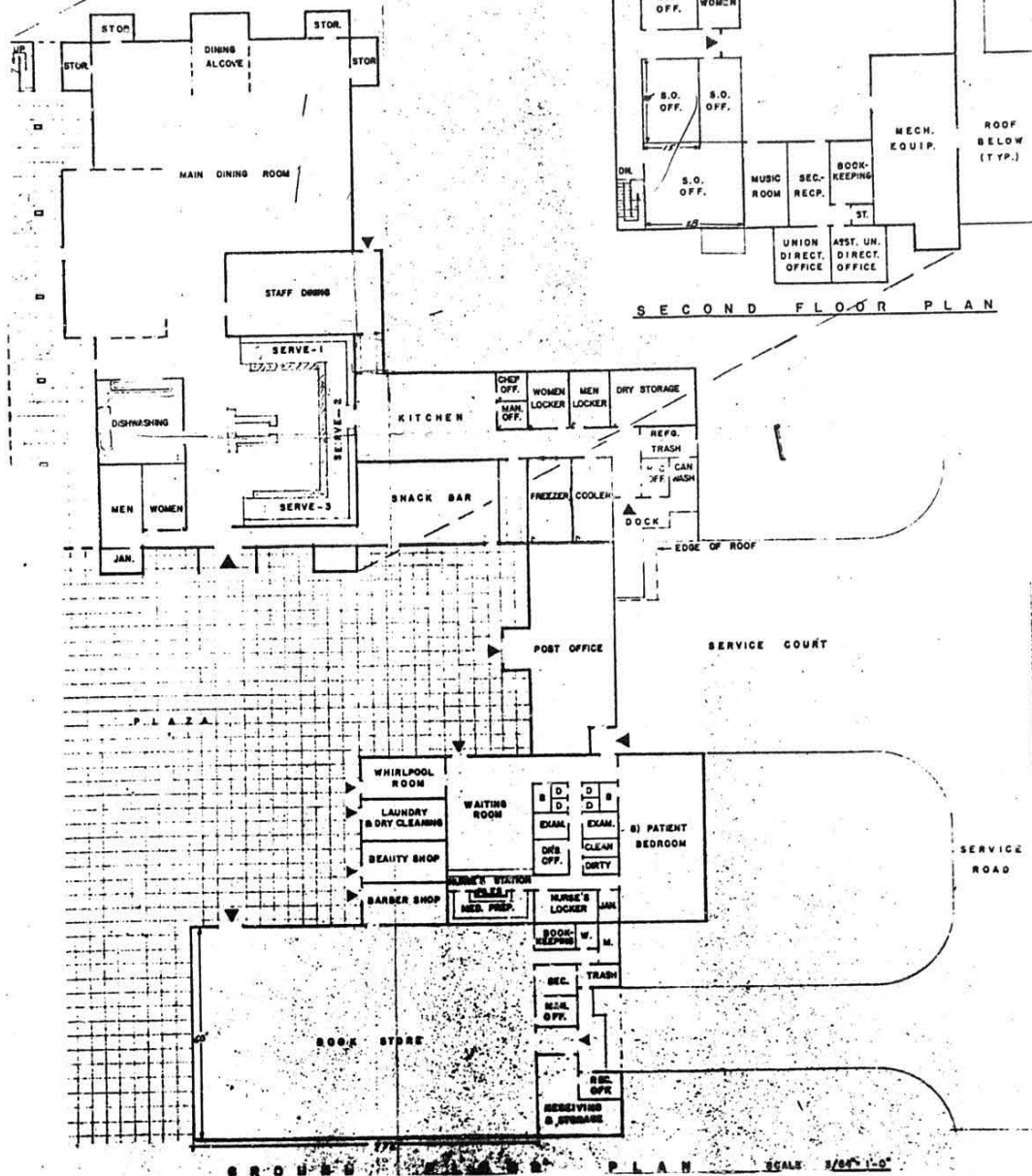
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The AVION is a bi-weekly publication for Embry-Riddle students financed by the Students' Activity Fee through the Student Government Association.

REPORTERS AND CONTRIBUTORS

Cam McQuaid, Mike Winters, Stan Widak, Henry Cothran, Curtis J. Poree Jr., and Robert Lee.

Advisor Roger Campbell
Editor Ed Monoski
Co-Editor Spence Price
Business Mgr. Mik Saunders
Lay Out Mik Saunders
Ed Monoski
Photography Ed Monoski
Sports Spence Price
Typists Nancy Lucas
Mik Saunders
Circulation George Francis
Duck Editor Barge Donohue

Articles may be submitted to the AVION for publication by the administration, the faculty and student body. The AVION deadline is every Monday afternoon at 4:00 P.M. Please mark all items: AVION, and deposit in the basket in the trailer, the suggestion boxes, or ERAU Box 1568.

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