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Avion 1973-09-25

Embry-Riddle Aeronautical University

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Lecture On Meditation
To Be Given
Lecture To Take Place
Thursday, Sept. 27

Transcendental Meditation and the Science of Creative Intelligence. Research Demonstrates Satisfaction in Life? Do You Know?

If one were to attend one of the Free Lectures given by the Student's International Meditation Society (SIMS), one would be likely to hear any or all of the above facts concerning TM. These claims have all been backed up by Scientific Research at major universities and hospitals around the U.S., Canada, and Western Europe. The research is much more extensive - research is being done on the possibilities of TM to investigate into whether it may be useful in the improved conditions of dozens of maladies which confront man - eg. stuttering, asthma, anxiety neurosis, high blood pressure, prisoner reform, nuclear shock, etc. Research is being done at over 80 Universities and Hospitals.

The Science of Creative Intelligence is the knowledge of nature, origin, range, growth, and application of creative intelligence in life. This science grew from the major discovery that there does exist in every human being an inexhaustible and fundamental source of intelligence, energy, and satisfaction - as basic to the life of the individual as success, creative success, and satisfaction. Transcendental Meditation (TM) is the practical aspect of the Science of Creative Intelligence. TM is a mental technique which allows the individual systematically to enjoy increasingly refined states of awareness until the field of pure intelligence, or pure awareness, is reached as the source of thought. Through this simple and natural procedure, alternated with activity, the whole mind and body gradually gain permanent access to the full value of creative intelligence. Those who practice the technique report improved efficiency in all spheres of thought and action. TM is just this process via direct experience. The practical value of TM lies in what it does for us when we're not. In the world today, there is so much to learn and remember, so much to do and only so much time to do it. It is obvious that each one of us could benefit from simple, easy-to-learn, and easy to practice technique which will give us more energy and make us more awake to our surroundings. Deep rest (deeper than deep sleep), makes more dynamic activity. This is a simple but scientific technique for a Technological Age. Also, on the level of personality, it has been shown by a series of psychological tests that meditation at the University of Kansas becomes a Self-Actualized (according to the criterion developed by Maslow, one of the finest psychologists the U.S. has seen.) No belief is required, as it is completely mechanical and functions completely by itself. All that is required is practice TM is a comfortable chair and the ability to think.

TM is a technique which controls or restricts the mind in any way. It is not a religion or a philosophy. It requires absolutely no changes in life-style or attitudes. Reduced Drug Usage. Faster Reaction Time. Higher IQ. Increased Learning Ability. More Satisfaction in Life. These are some of the possibilities which TM offers.

For those who wish to know more about TM, a free talk will be held at 12:30 Thursday Sept. 27. Room A-109.

Candidates Vie For Top Positions

SGA ELECTIONS WEDNESDAY

Every year, at the beginning of the fall trimester, the student body holds a general election to select the top officers for the SGA and to fill the vacancies that exist in the SGA student Senate.

This year, running for the office of President, there are two candidates: Mr. Daniel Martens has been at E-RAU for seven trimesters and has been through a couple of programs. He has a great concern for student involvement and for good student government. Mr. Archie Roberts is opposing Mr. Martens for the office of President. He has been here for three trimesters and is an ex-Army veteran. He has stated his concern that communications from the SGA to the student body are not what they should be.

The candidates are listed below:

- **Mr. Daniel Martens**
  - Goal: Making the SGA more efficient and improving student government.
  - Experience: Previous involvement in student government.

- **Mr. Archie Roberts**
  - Goal: Improving student involvement and communication.
  - Experience: Current student involvement.

Voting will take place on **Tuesday, September 25, 1973**. On this day, students will be able to vote for their preferred candidate in the Student Senate Building.

**Avion Publishes Calendar**

- **About 4 O’Clock**, Dave McGee introduced the candidates who are running for office in the election the Wednesday. Each candidate made an appeal to the students and voiced his platform.

- The SGA is making an outstanding effort to bring the students together and to provide for the students a voice in the SGA and a voice in this school.

- Mr. Kolar stated, “It takes each person who is being doing his part to accomplish a worthwhile goal. Everyone would support the SGA in some way, we could make this university an outstanding example of an excellent school system.”

- **Unknown to most of the students was the presence of many SGA senators working in unseen ways to make Avion a success. Also unknown to many students was the little spry can of mace on the belt of the security guards.**

**Avion Publishes Calendar**

- As of the first of October, The Avion will be publishing a monthly activities calendar to appear in the first issue of each month. These activities will include all school, social, academic, and special events.

- If your club or organization would like to inform the student body on a school wide basis of its functions, they must be submitted to the Avion by the 20th of the preceding month.

**Announcements and schedules of activities should be addressed to Avion, Box 1968, brought to the Avion Office in building D, room 23, or you may call ext. 72 1-5 p.m. daily.**

The school knows what you’re doing.

**VOTE!**

**SAMPLE ELECTION BALLOT INSIDE... PAGE 5**
OPINION

The opinions expressed in this paper are not necessarily those of the university or all members of the student body. Letters appearing in The Avion do not necessarily reflect the opinions of this newspaper or its staff.

Editorial

Have you ever heard anyone say: "I would support the SGA if I thought they were worth it." And then when that person is asked to get involved and help make it better, he says: "Not me, I haven't got enough time," or "It's not worth it, I probably couldn't make any improvements anyway."

What type of person offers those excuses? Is he lazy? Is he afraid of responsibility? I do not know exactly how to label a person like this but I do know his lack of concern probably goes beyond school activities. If he is an active duty officer, he is probably a guy who spends a lot of time polishing the Generals boots. He may have always been afraid to take a stand and now he might be afraid of failure or bad publicity.

A student who has been here for a while might think that the involvement just isn't worth it to him. He may feel he is just here for an education and that means classes, grades, a degree and that's all.

Whatever the reasons for non-participation, they are usually poor ones.

Examples of good student government are rare. Many university students have found that a cohesive student voice is strong and one that the administration and the community will listen and talk to seriously.

We seek a cohesive student government and association.

The first thing a student can do to show his willingness to get involved is to become an active student. Choose those representatives whom you feel will do the best job for you and then support them actively. After that involvement will start to become second nature.

Avion Staff

Editor-in-Chief--Tim Ewell
Associate Editor--Bennie Palmer
Business Manager--Rick Parsons
Layout Editor--Dick Leins
Assistant News Editor--
Saturday Feature Editor--Vacant
Sports Editor--Al Zimmermann
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Vacant
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Nancy Qualls
Jim Wernz
Bill Broock

The Avion reserves the right to refuse to print or edit letters which are not submitted in accordance with good journalistic practices. All letters that bear the full name of the person or persons submitting them will be withheld upon request.

Avion Staff

Phone 252-5951 Ext. 33
Any comments to fill one of the vacant staff positions, or willing to assist in any manner, are encouraged to contact The Avion, Building 3, Room 15, 10-12 p.m. Tuesday.

BATTLE OF THE SEXES

SILLY JEAN TAKES UNFAIR ADVANTAGE OF BOBBY

Ms. King delivered a smashing victory for women's liberation this past week. The 29-year-old Ms. King walloped Bobby Riggs even though he is only 55 years old. It was reported that King came out strong at the beginning and never gave her opponent a break. Riggs, who is famous for his tennis antics, is known for his new and exciting serve. The final score was 6-4, 6-3, 6-3 defeat of Bobby Riggs.

Weather or not the event was a test staged by the money maker and headline seeker, we can only hope the opportunity that was possible in the future the match seemed to be played in a serious business by both parties. Mr. Riggs is known to be a most unpredictable player and he was shed by the certainty possibility of defeat and unless the match was one of gr imm determination. It was obvious that Riggs was playing her game and Bobby was hardly able to break through with any game of his own. His points were made on her errors. It was interesting to note that characteristics of Bobby's opponent followed the second set the spectators were nothing for Bobby - the underdog. Billie Jean was the underdog at the beginning when Bobby was in that position.

Whatever the origins and desires of promoters of this spectacular was, they were fact that literally thousands of people played from $6 to $600 each for tickets to his match, (generally observed in absence of a collision), and enjoyed it with an enthusiastic display (normally found at sporting events such as football) that undoubtedly have an influence on the future possibility of tennis - to my opinion, nothing like that of the hundred thousand dollar pears.

The women's libem can expand on the proven fact that one of their own was able to sustain the pressure and emerge a winner over one who is over confident, pompous male who - thanks to a woman - will continue to "laugh all the way to the bank." The time has come for women to become a reality on a tennis court.

BY JEAN HATTER

LETTERS TO THE EDITOR

Dear Avion,

Don't you have some kind of Avion line or something? I have some problems I need help with.

My roommate has a sick friend that he has been awake at night with and he wants help with it. He can't talk the friend to the veterinarian because he is a Christian and (the real, true, that is, he is listed as an android). Can't something be done about this?

Lambert E. Traud

When Enarry-Riddle was declared a full-fledged "University" in 1968 it already had an active alumni organi-

zation, thanks to a group of gradu-
ates who had formed the Alumni Asso-
ciation in South Florida a year or so earlier. That was in 1964. Today, the Association maintains a full-time office on campus and provides a variety of services to members. More than 3,000 graduates of Enarry-
Riddle. Membership is growing steadily each year.

The Alumni Association is a young organization any way you look at it. Seven years after its inception, the average age of its active members today is in the "young adult" class.

The Association's nine newly elected Board of Directors who provide leadership, is age group from 24 to

In a recent "OPEN LETTER" to students of E-RAU, new Board Member Phillip S. Woodruff ('71) had this to say. "Because we are a young organization, we try to steer clear of the old stereotypes in favor of programs which speak directly to the needs of young people. Developing an alumni organization hasn't been an easy task, but we are on our way and we are moving forward.

As graduates we value this association with other alumni of Enarry-Riddle. We feel too, we are making a valuable contribution by providing an outlet for public service. And we hope that you, our students, will come to realize that you can be a part of this organization as well.

Continuing to speak to students, Woodruff said, "when you graduate, you will be pleased to find Enarry-Riddle is surprisingly well known and has an reputation in the community. Advancing this reputation is another of our goals. We recognize the value of our degree increases as E-RAU's prestige increases.

"We encourage you to communicate with us through the Alumni Office on campus. We see our role as increasing the image of our college. Let us know how we may assist you, either personally or as a group.

"Good luck to you as you continue your studies at E-RAU."

Phil Woodruff ('71)
Executive Director
Educational Consultant
Cuesta College, Wichita, Kansas.
S.G.A. CANDIDATES

PRESIDENT

DARRELL MARTENS
Fellow Students: I am now in my seventh trimester at Emory-Riddle and have experienced most of the problems of any student. I believe that there are some problems that we, as a student body, should try to solve. I believe in planning something positive that can be done to help us and the university to grow. The major problem that our university faces is a severe communication gap. This gap has led to several problems, and I believe that if we can solve this problem, we can solve many of our other problems. I am interested in finding a way to bridge this gap and make our university a better place for all of us.

ARCHIE ROBERTS
In the past I have had a great deal of contact among the students of S.G.A. Especially in the area of the S.G.A. I was impressed with the work that they do and the way they work. I believe that everyone should be involved in the decision-making process and that we should have regular meetings to discuss important issues. I believe that we should have regular meetings to discuss important issues.

VICE-PRESIDENT

JIM THOMPSON
NO STATEMENT AVAILABLE

SENIOR

RICHARD BUSH
The student government association works for the students. Its effectiveness is based upon knowing the students opinions and desires. Communication is the key to effective student government. Know your representatives and vote your opinion. The Aeronautical Science program involves both academic and flight operations and must be improved. Let me know what you would like to see changed; you have a voice.

ROBERT HARRIS
Since entering E-R in the Fall of 1972, I have been aware of the lack of communication between the students and the administration. The S.G.A. is working hard to close this communication gap. We need to evaluate the situation between new members and the administration. It is for this reason that I am running for your nomination for student senator. The S.G.A. is working hard to close this communication gap. We need to evaluate the situation between new members and the administration. It is for this reason that I am running for your nomination for student senator.

SUE KING
The dorm is filled to capacity yet it seems empty so many times. Not physically empty, for there are always students lingering about the halls or the lobby. It is as if all the residents aren’t there. This is a bittersweet situation. It is like having falseatitude in the dorms. We’re just a mass of people chomping up the thought of a new administration. This shift should help to get us out of the void. Granted, not everyone is going to get along with everyone else but unless we step out from behind our closed doors and at least get acquainted with our neighbors, looking beyond his maybe could be wrong. Unfortunately, I can’t consider myself a prime example of this. But having the situation I have half the battle won. I won’t draw this out any longer than necessary making flowery statements about how one should get involved. You’re the best judge by far. I will simply close by repeating my title statement: “to help another is to help yourself.”

DAVID L. MORSE
My basic reason for running for this office is to continue the continued representation of Pro-Pilot in the S.G.A. Having been an academic student for 20 months in the Air Science curriculum, and a Pro-Pilot for the last 4 months, I am well acquainted with some of the problems students run into on the flight line. I would like to see a better system for scheduling flights and ground school, and also a final drafting between the flight department and other academic and administrative departments. These are just a few of the goals I will seriously work towards when I’m elected.

BILL SIDES
I have been enrolled at Emory-Riddle since August, 1970 in the Aviation Maintenance Management program. I’ve spent 18 months in A&P and I’m currently working on my B.S. degree. I feel that students should get involved with school activities. Let’s face it, it’s our school and home for problems which may arise. I know people and I know how to get things done.

HUGH REYNOLDS
I have been a student at Emory-Riddle for a little over five trimesters now and up until this time I have not been actively doing anything. I have been content to sit back and do nothing while complaining about the way things are run. This summer I got to know some of the goonies of the student body and I feel I could be of help to the school in the future. I am interested in understanding our problem and helping to solve them. I am running for the student body and I will do my best to help make sure that we have a good school and home for problems which may arise.

HERMES INNOCENT WATONIA, running for the office of Senator. Due to the increasing number of foreign students at the University, I thought it best to have them represent. I got the stimulus of this idea from the problems my fellow students and I met on our arrival here. Since we had no foreign student representative we did not know how to conduct our problems to the right persons, for the right answers. I am running for this office with the great hope that I will help strengthen the relationship between foreign students and foreign students, foreign students and U.S. students, and foreign students and the administration. I also hope that foreign students will be treated as equals. I am running for this office with the great hope that I will help strengthen the relationship between foreign students and foreign students, foreign students and U.S. students, and foreign students and the administration. I hope that I can be of service to foreign students who are currently occurring among foreign students and the administration.

TREASURER

AMOS CHARLES BAHLOW
NO STATEMENT AVAILABLE

ALSO RUNNING FOR TREASURER

RON WHITE
NO STATEMENT AVAILABLE
E-RAU HISTORY

Embry-Riddle originated as a flying school at Langley Airport, Christiansburg, Virginia, in 1926. Because of the recognized excellence of its instruction it was soon participating nationally and internationally as a leader in aeronautical education and so its name was changed to Embry-Riddle International School of Aviation.

At the outbreak of World War II Embry-Riddle was called upon to assist the United States Army and the Air Forces of England and France in training desperately needed pilots and mechanics. Embry-Riddle established five Army flight schools in Florida and a Maintenance Technology School in Brazil. It also trained thousands of Army Air Force mechanics at its Florida installations.


In 1963 Embry-Riddle moved to its permanent home at Daytona Beach Regional Airport. It was named at 4/3 by the Southern Association of Colleges and Schools and in 1970 it changed its name officially to Embry-Riddle Aeronautical University. In 1972 the University's accreditation was reaffirmed for ten years.

When Embry-Riddle moved to the new campus at Ormond Beach, its enrollment was 299, and its operating budget was $1,473,241. Today the enrollment is over 1,000 students from all fifty states and forty foreign countries, and an annual operating budget of $15 million. Embry-Riddle has increased its educational services by increasing its degree programs to sixteen, opening Resident Centers around the nation and in West Germany. The University participates in two Education Confer ences with other colleges and has a dual degree program with Georgia Institute of Technology. It offers a graduate degree program for Master of Aviation Management.

Embry-Riddle's campus, when complete, will have a value of $25 million and accommodate over 10,000 students pursuing higher aviation education.

Xmas Already?!

WIN $50

DESIGNING AN ORIGINAL CARD APPROPRIATE FOR SENDING TO EVERYONE ASSOCIATED WITH THE UNIVERSITY TO ANYONE, ANYWHERE--NATIONALLY OR INTERNATIONALLY--SUBMIT DESIGN TO THE SPECIAL ACTIVITIES OFFICE BY OCTOBER 1, 1973 FOR FURTHER INFORMATION CONTACT EXTENSION 51 ON CAMPUS.

FRAKLY SPEAKING

by Phil Frank

"In lane three, swimming for the first time in competition."
Alumni Elect Leaders For Next Two Years

STEPHEN L. AVERY, III (Bob Ll., '73) received a B.S. in Aeronautical Science from ERAU and is in pilot training at Williams Air Force Base, Arizona. While at ERAU, he was active in student affairs and was a founder and President of the Eta Iota Chapter of Sigma Chi, Secretary and Vice-President of the SGA. Representative to the Florida Student Congress, and Coordinator of Dedication Day for the new ERAU Aeronautical Science Center.

ROBERT J. BROWN ('65) earned a B.S. in Aeronautical Engineering from ERAU and a Masters at Rensselaer Polytechnic Institute in Hartford, Conn. in 1970. Bob, since then, has been with Pratt-Whitney Aircraft, West Palm Beach as an aeronautical engineer. He is a member of the Florida Chamber of Commerce and served previously as Secretary of the Alumni Association while a member of its Board of Directors.

DONALD P. KALLENBACH ('68) named a B.S. in Aviation Management at ERAU, then enrolled in the sixteen University School of Law in Florida, where he completed his Masters degree in Business Administration. He now is an attorney in New Port Richey, Fla. While at ERAU, Don was President of the SGA, Vice-President of Alpha Eta Rho, and was chosen for "Who's Who in American Colleges and Universities." He previously served as Secretary of the Alumni Association and a member of its Board of Directors.

STEPHEN E. GAY ('60) holds a B.S. in Aviation Management and has worked in several management positions since graduation. He is presently on his way north to a new position. While at ERAU, he was editor of the 1960-1961 Phoenix Yearbook, and the "Avion" school newspaper, and was a member of the Sky Diving Team.

RAUL L. REGALADO ('72) left ERAU with a B.S. in Aviation Management and went almost directly into a position as Manager of Palamath Fulf Financial C.P. of the largest airport operations in the State of Oregon. Raul is an Associate Member of the American Association of Airport Executives, and a member of the Multnomah County Chamber of Commerce. He serves on the Chamber's Aviation Committee.

JOHN P. RIDDER ('69) graduated with a B.S. in Aviation Management and opened up his own business called Southern Air Meatery, and for the next few years worked with funeral directors, transporting remains from one location to another by air. Recently, he sold that business and opened up another called "American Bakers" in Winter Park, Fla. John is a three- minded alum who serves as Co-Chairman of "Camp E-Hill," an encampment being constructed for retarded children. He also is a member of the Orlando Chamber of Commerce's Crime Prevention Committee, Winter Park Serious Club and the Orlando Young Republican's Club.

WILSON A. THORPE ('68) graduated with a B.S. in Aeronautical Engineering and went to work as an acoustical engineer in Flemington, N.J. with a firm called "Noise Unlimited." Within three years, he advanced to General Manager of their rapidly growing firm. He presently is on leave from "Noise Unlimited" to complete his Masters Degree in Chemical Engineering at George Washington University, Virginia under a NASA-sponsored program. This is Wilson's second term on the Alumni Board of Directors.

In a recent general election, members of the ERAU Alumni Association elected nine graduates to the Alumni Board of Directors. These nine, together with two staff members of the University, are charged with the responsibility for planning and co-ordinating alumni activities over the coming two years.

Here, in alphabetical order, are the new members of the Alumni Board of Directors:

PHILLIP R. WOODRUFF ('70) graduated with a B.S. in Aeronautical Management in 1970 and as a Professional Pilot in 1971. After serving through several public-relations levels with Southern Bell Teco & Telco, he recently was hired by Convair Aircraft in Wichita, Kansas as an Educational Consultant. This year, he received the distinction of being appointed to the Kansas Commission on Aerospace Education and the Commission for Proprietary Schools of Kansas. He is active in the AIAA, University Aviation Assn., AOPA, EAA, and National Aerospace Education Council. He also is a certified flight instructor in Convair's Flying Club in Wichita.

While at ERAU, Phil was Vice-President of the Student Government Association and appeared in "Outstanding Young Men of America."

Harry Wilkes ('71)"

Betty Bond

Rounding out alumni leadership are the University's Representative to the Alumni Association and Director of Alumni Affairs. They are respectively, Mr. Harry Wilkes, Jr. ('71) Coordinator of University Relations and Mrs. Betty Bond who directs activities in the Alumni Office.
Placement News

The Placement Office has been so busy assisting new and returning students who are seeking part-time employment that I haven’t found time to send out a word of welcome. Perhaps you’ve been in the same general situation settling into your new environment and courses. If so, come and visit us whenever you have the time and would appreciate assistance with finding part-time work.

Graduate Placement activity has been equally busy and I’ll briefly recap what’s been happening there.

Eastern Air Lines, Inc. is recruiting systemwide for Airframe and Powerplant technicians.

Pratt & Whitney Aircraft in West Palm Beach has openings for Engineers and Airframe and Powerplant Technicians.

Schman Aviation, Miami, FL Airframe and Powerplant Technicians.

Engle Aviation, Charlotteville, Virginia, CFI, good salary.

Pittman is interviewing in Jacksonville for Stewart/Scrivener cases.

Xerox Corporation, Local, Marketing Representatives.


Inventors Diversified Services, Local Sales in insurance, securities, annuities, etc.

The Trans Company, LaCross, Wisconsin. Marketing, Production, and service personnel as well as Corporate Consultants.

For those of you nearing graduation it’s time to zero in on your career goals - learn about the opportunities available now - get your resume and paper work in order - make a determined effort to improve your GPA and complete a Qualification Record.

The Placement Office has many publications available for your information and reference. To name a few: "How to Conduct a Job Search" (a record), for example. The following selections are among the many on file: "Strategy and Tactics for Getting a Government Job?"; "FAA List of Certificated Pilot and Ground Schools" (DDAE, 1973); "Which Nickels?"; "The College Graduate Guide to Job Finding" and many publications from potential employers. Also, there are a limited number of copies of the College Placement Annual (1974) for distribution to seniors.

The Navy Recruiting Team will be on campus October 1 - 5 in the Student Center.

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*After leaving the ground, pull the nose up smartly, close your eyes and count to ten. If contact with the ground has not occurred by that time continue the flight as planned. (Note: You may open your eyes for the remainder of the flight if you wish...however, this is optional.)

These are excerpts of orders given to E-MAU instructor pilots for a cross-country flight from Daytona Beach. (Paraphrased from an article by Bill Stevens in Air Force Magazine).

Any aircraft with operational compass is considered IFR equipped. (Charts published prior to 1966 are not considered reliable and should not be used.) Compass headings must be maintained within 20° to 60° magnetic approximately. Route of flight will be over five counties. Volusia is the green one, Seminole is brown, Orange is yellow, Lake is red, and Marion is tan on your Tecacco maps. One must be used at the intersection of Highway 50 and 81 east of Orlando, stay on Highway 50.

Preflight – Next check stick and throttle positions. If the stick is in your left hand and throttle in your right, you are in the cockpit backwards. Don’t panic! Smile at the student, wave to bystanders and slowly rotate your body 180°.

When signal is given to taxi, advance the throttle slowly to max. and smoothly jump the a/c.
Grover Loening, Mr. Loening was the commencement speaker at the ceremony which graduated this summer. Mr. Loening is a interesting man with an interesting life story. This is a brief outline of his life and accomplishments.

Pioneer, engineer, public servant, and author, Grover Loening was born September 12, 1888, in Bremen, Ger-

many. His father was United States Consul-General. He received his B.S. from Columbia University in 1908, and M.S. in Aeronautics from Columbia University in 1910. This first degree was awarded in 1908, the M.S. thesis was subsequently published as "Monoplane and Placard." He received his Civil Engineering degree from Columbia in 1891.

After graduation Loening joined "aeroplane" company in New York and built Blériot for exhibition pilots. In 1902, he built his pioneer Aeroplane. In 1903 Orville Wright sold him his patents and made him manager of Dayton factory. In 1914 he was appointed as Chief Engineer, Airplane Engineer of the U.S. Army's Aviation Section.

In 1915 Loening published his second book, "Military Airplanes," an Army—adopted text which later was offered to the U.S. Army, Navy, the Canadian armed forces in 1914, and the same year he became Vice-President of the newly founded American Aeronautical Corporation, where he pioneered the first American steel frame airplane. In 1917 he formed the Leoning Aeronautical Engineering Corporation to work on a Navy contract for a small plane to be launched from a submarine. This contract for the M-8 two-seat pursuit monoplane embodying the use of rigid strut bracing, patented by Loening, and thirty years later was widely used.

After the war, Loening produced the Flying Yacht, a five-seat monoplane boat, with Liberty engine, which established bids records and opened up the first significant market for private aircraft. He received the Collier Trophy for 1923. His next success was the pioneer Leoning-Low Wing Monoplane which won the first practical retractable undercarriage, won the Gordon Bennett Cup in 1928, the U.S. Army, Navy, Marines, and Coast Guard, and by 1935 had been built all over the world. Among its achievements was the Leoning's famous Pan American Good Will Flight of 1935 which circumnavigated the South American and 22 nations enroute.

The Leoning Aeronautical Engineering Corporation, his original company, merged with the Curtis-Wright Corporation in 1925, and Loening subsequently formed the Grover Loening Aircraft Company, building several research aircraft and establishing his first consulting engineering practices, for the Chase Bank, Fairchild Aircraft, Grummen Aircraft, Curtis-Wright, and many others. During this period he was a pioneer director of Pan American Airways.

His third book, an autobiography, "Our Flying Days Faster," was published in 1945. He entered public service in 1932 as Aircraft Advisor to the Maritime Commission, where his report to Congress, "Aircraft and the Maritime Master," had the Government's support at the start of the passenger airline industry.

In 1922 he became Aircraft Advisor to the War Production Board where he initiated the Government's active development of cargo planes for war use. He became head consultant for the NACA in 1914, chiefly on helicopters and seaplanes, and received numerous other government assignments, including Consultant to the Navy, Chief, Airway Administration, and the "President's Air Policy Commission."

When the National Air Museum was founded in 1938, President Truman appointed him as the first of two civilian members of its Advisory Board, an appointment three times renewed by Presidents Eisenhower, Kennedy, and Johnson.

He was awarded the Medal for Merit in 1946, the Eggleston Medal of Columbia University in 1945, the Wright Memorial Trophy in 1958, the Air Force Medal in 1955, and the Guggenheim Medal in 1960 for "a lifetime devoted to the development of Aeronautics in America."

In 1966 he was given the Silver Wings plaque by this organization of aviators. A member of the Quaker Brethren fraternity and a founder of the Early Birds, Flyers before 1916, Loening is also a Fellow of the American Institute of Aeronautics and Astronautics and a Fellow of the Royal Aeronautical Society.

As Director and Consulting Engineer of New York Airways, he researched the successful design of the Pan Am—outboard biplane in the heart of New York City. He is also an honorary member of the Society of Experimental Test Pilots and of the Order of Dardelians.

The author of numerous articles and lectures on Aviation the past century, Loening is now also engaged in writing books about early aviation days. His 1968 Pulitzer Book, \"The Conquering of the Air,\" written in collaboration, grew so fast, has had a record distribution to persons and schools.

In April 1970 his first novel, \"The Conquering of the Air,\" was published by Chilton Books, Englewood, Philadelphia. This is a true and exciting story of 1930-22 days, and has already received many favorable reviews and a wide sale in the Aviation field. The most recent book by Loening is the new AMPHIPLAN--The Story of the Loening Blimp. This is being published by the prestigious New York Graphic Society, subsidiary of TIMELIFE, Inc. in Greenwich, Connecticut.

The publishing date is August 20.

He is now writing another novel, \"End of the Runway.\" It should be completed soon. Loening continues his consulting-engineering work. Most recently he has been with Lockheed-Marietta on the conversion of the Lockheed Hercules into a VIP passenger amphibian that can land on land or water, eth, harbor, and lake. Principal cities which could benefit from this project are New York, Washington, Philadelphia, Chicago, Dallas, and San Francisco.
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E-RAU

RESTAURANT WILL BE CLOSED DURING THE MONTH OF SEPTEMBER FOR EXTENSIVE REMODELING—THE STEIN CLUB WILL REMAIN OPEN WITH SPECIALS ON ALL BEER.
Admissions Test For Graduate Study In Business Announced

Princeton, N.J., July 28, 1973. The Admission Test for Graduate Study in Business (ATGSB), acquired by more than 230 graduate business schools or divisions, will be offered on November 5, 1973 and on January 25, March 30, and July 13, 1974. (Note that the test will not be offered in August 1974.)

The Admission Test for Graduate Study in Business is an aptitude test designed to measure abilities and skills important in the study of management at the graduate level. It is not a measure of achievement or knowledge in specific subject matter. Those who take the test are neither required nor expected to have had undergraduate preparation in business subjects.

Registration for the ATGSB does not constitute application for admissions to any business school. Candidates should request information on admission procedures and requirements directly from the graduate schools to which they wish to apply. Since many business schools select their first-year classes during the spring preceding entry, applicants for admission to the 1974 classes are advised to take the test no later than the January 30, 1974 date.

Applicants for financial aid are urged to register for either the November or the January administration.

Each test center supervisor will be authorized in 1973-74 to admit candidates on a walk-in registration basis. Candidates who may have been unable to register for the test in advance may be tested provided sufficient test materials are on hand after all previously registered candidates have been seated. Walk-in registration requires presentation at the test center of a completed ATGSB registration form and the appropriate fee (the regular test fee plus an additional service charge of $0.00). Due to special processing requirements, test scores for walk-in candidates will be reported later than those of previously registered candidates.

The Bulletin of Information for Candidates includes a registration form for the names of graduate schools that require the ATGSB sample questions and detailed information about examination dates, testing locations, fees, and score reporting. The registration deadline (the day by which the test registration form and fee must be received by Educational Testing Service) is three weeks before a test date. Order forms for the bulletin are available from Jeff Ledwitz in the Guidance Office, Building 3. Additionally, there are approximately 350 graduate college catalogs available for student perusal in Mr. Ledwitz's office.

Students considering graduate study in business will find the publication, Graduate Study in Management, 1973-74, helpful in making decisions about where to apply for admission. Previously published as Programs of Graduate Study in Business, the book contains descriptions of approximately 280 graduate business school programs, an index of key facts about the schools, and locator maps showing the locations of these schools, and it has been expanded to include a detailed discussion of graduate management education and a full-length sample of the Admission Test for Graduate Study in Business. Published by the Graduate Business Admissions Council, it is available at $3.50 per copy. Orders and payment should be addressed to Graduate Business Admissions Council, Box 966, Princeton, New Jersey 08540. A few copies are available on a loan basis in the Guidance office.

DRUG ABUSE

BY DICK CUTCHELL

Wherever there is a market for a product there will always be someone there to supply that product, and usually at a profit. The market for illegal drugs is obviously no exception.

The rise in drug trafficking and abuse has started a big drive by the public to get someone to do something about it. People given the responsibility of doing something about it usually give this solution... "When we can find the reason why people indulge in drug abuse, then we can stop drug trafficking." This is presumably done by finding a cure for drug abuse which will do away with the desire for drugs and therefore the market.

People have often been under the illusion that if there is some damage or natural disaster that is endangering them there will always be some doctor or scientist that will immediately find a cure or solution. There are also many people who label drug abuse as a disease and likewise, expect a cure. But unlike polio and smallpox there are no vaccinations and no easy cure for drug abuse. And some, the change in the citizens of New York, have initiated a program against drug pushers that is more or less a "shoot-only" kind of thinking. It is typical of the thinking of some, that of you can’t beat them join ’em.

Drug abuse in an individual or in society, no matter what the reason for the abuse, is a very long and trying process. For this reason, most people would rather let someone else worry about it. But until that time comes when people realize that drug abuse is everyone’s problem and we quit waiting for some magic cure for drug abuse, then and only then can something be done about this ever-increasing problem.

LAW SCHOOL ADMISSIONS TEST

The Guidance office has furnished the following information for those who might be interested in a law career.

The LSAT is a half-day objective test designed to measure certain mental abilities important in the study of law. It yields an LSAT score and a writing ability score. The LSAT portion measures your ability to understand and reason with verbal, quantitative, and symbolic materials. Because law students and lawyers must be able to communicate effectively in both writing and speech and because there is no time in law school for formal training in writing techniques, law schools seek students who are reasonably competent writers. The writing ability portion of the test measures some facets of your ability to express ideas clearly, precisely, and forcefully. Both portions test your skills, not your grasp of specific subjects. The purpose of the LSAT is to determine the probability that applicants will be successful in the study of law.

For more information contact the Guidance Office.

DAY TRAFFIC TO RESUME SOON. THE AIRPORT HAS ANNOUNCED THAT THE EXPECTED COMPLETION OF the work being done on the main runway is October 1st. Even if the entire job is not completed by the first of the month the runway will be complete enough to allow normal commercial operations.
CLEN XAWT LOOKS ON AS WARD DUNNING SCORES AGAINST MARYMOUNT

TOM HENION AND A MARYMOUNT PLAYER Vie FOR POSSESSION OF THE BALL DURING THE FIRST PERIOD OF PLAY SATURDAY.

VA Announces Toll Free Phone Numbers

If you reside in one of the cities shown below, you may dial the listed local number which will be answered by a VA benefits Counselor located in the Veterans Assistance Division of the Regional Office in St. Petersburg.

St. Petersburg.......................... 898-2121
Daytona Beach............................ 255-9561
Pt. Lauderdale............................ 527-9725
Pt. Myers................................. 474-0905
Gainesville............................... 376-5566
Jacksonville.............................. 356-1281
Lakeland/Winter Haven................. 681-7861
Melbourne/Titusville.................... 724-3500
Miami................................... 350-0606
Orlando................................. 369-2723
Orlando................................. 369-2723
Pensacola................................ 586-0895
Sarasota................................. 325-6872
Tampa................................... 229-6561
West Palm Beach......................... 833-5743

If you do not reside in one of the areas listed above, you may still telephone TOLL FREE to the VA Regional Office by dialing:

1-800-282-9021

This improved service was established to insure that regardless of where you live within the State of Florida, you can telephone the VA Regional Office for advice and assistance without the expense of a long distance call.

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Quit now. You'll never get a chance like this again.

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MEXICAN FOOD

EURA GOLF TEAM WARMS UP FOR '73-'74 SEASON

SPORTS—SHOTS
At a news conference held on Thursday, Willie Mayo announced that he plans to retire from baseball at the conclusion of this season. Mayo stated his age, and his poor performance as reasons for his retirement. Willie Mayo played with the S.F. Giants for 20 years and spent the last two seasons with the New York Mets. His lifetime batting average is .281. It can be said that Willie Mayo was one of the greatest out fielders ever to take to the baseball diamond.

Billie Jean King soundly defeated Bobby Riggs in straight sets 6-1, 6-3 6-3 last Thursday in Honolulu, Hawaii. A record crowd of 20,000 plus turned out to see Ms. King romp 55 year old Bobby Riggs.

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ATHLETICS
Embry-Riddle Aeronautical University provides a diversified program of intercollegiate athletics. We are members of both the N.C.A.A. and the N.A.A.A. and have participated in local tournaments in many sports and also in national championship contests. We want all students to share in our athletic program either as a participant or as a spectator. If you are interested in trying out for any sports contact one of the coaches listed below. If not actively playing a sport please keep up with the daily schedules that will be published in the Avion. Come out and back our teams for we need the support of the student body to make our athletic program grow.

Soccer Coach - Dean Mannfield
Tennis Coach - Carl Brown
Golf Coach - Dean Sports
Baseball Coach - Dr. R.S. Brown
Basketball Coach - Ed Warsbach

EAGLE SMASHES HOME FINAL POINT IN 3-1 VICTORY OVER MARYMOUNT

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Sigma Chi's begin Rush Activities

Eta Iota chapter of Sigma Chi fraternity blasts off with its rush activities
for the Fall trimester beginning Friday, September 28. Friday's activities
include a social get-together and the Rush Party follows on Saturday.
Friday's "Smoker" is open to all E-RAU students. Interested students
must have completed one trimester and be in good academic standing
to be eligible for membership procedures.

Sigma Chi is an International Social Fraternity with 185 active chapters
in the United States and Canada. Social activities are important and
the chapter averages at least two activities a month. Service is a
watchword in most social fraternities and Sigma Chi is no exception.

The Eta Iota chapter is active in community and school service. The
brothers sponsor annual drives for Easter Seals and other service-oriented
community projects.

If you've been around E-RAU for one trimester and have an interest
in brotherhood, service, and social activities, then drop by the Sigma
Chi house on S. Ridgewood Friday, the 28th and meet the guys who
make up Sigma Chi.

Sigma Chi Fraternity
EVERYONE IS INVITED TO ATTEND

RUSH SMOKER & PARTY

Fri Sept 28 7:30 pm
Sat Sept 29 8:00 pm

520 S. RIDGEWOOD
Sailplane Club Takes Off

"Where there's a will, there's a way." Thirty-five lively soaring enthusiasts turned out to help kick off the new ERAU Sailplane Club on Thursday evening, September 13th. At time the meeting drew near, there lurked the possibility the club might never get beyond that initial meeting. As rumors of disbanding spread, club members learned they had lost the finical backing which was so necessary in the purchase of their first plane.

But, by meeting time, the determin- ed members had discharged a number of alternate possibilities, and at the end of the meeting all systems were declared "Go." In the ERAU Sail- plane Club, Twenty members have paid the $25 membership fee. Others are expected to follow suit.

Those who came out for the meeting were treated to a film on操纵 turbulence presented by Paul Am- Captain Kimball J. Scherr, a former West Virginia Aeronaut, editor, and a member of the University's Board of Trustees. Captain Scherr is a member of the club and offered his services to the group in an advisory capacity.

Aspects of the club include an HP 60 experimental model sailplane donated to the University some months ago. Plans call for the sale of this plane after the end of the year. Proceeds will be channeled into the Sailplane Club.

INSTRUCTION in all phases of glider flying will be given by members of the private club, as well as members of the group. In the meantime, any one considering membership may examine a $25 unlimited membership for, approximately $5 per month club dues (later on), and something between $30 and $40 for each flight. No previous flying experience is required.

NEXT MEETING is scheduled for 7:30 PM, Thursday Evening, October 5th, in one of the ground-floor classrooms in Building "A," Ar- chitecture Complex. You are invited to attend.

CONTACT either of the following members for more information or to pay. LARRY FAIS, Box No. 4164, Home Phone, 76-5045; PATRICK WASHBURN, Box No. 4143.

Club records previously maintained by Betty Bond in the University Relations Office has been transferred to them. All students are invited to form teams and enter the League.

Activities coming up soon are: S-Main Basketball Football Tennis Flag Football Volleyball

Also dated to start shortly is the Gama S-Touchdown Club.

"COACH" MANSFIELD DISCUSSES HALF-TIME STRATEGY WITH THE EAGLES DURING THEIR HOME GAME AGAINST MARYMOUNT. E-RAU WENT ON TO A SMASHING 31-1 VICTORY SATURDAY.

On Saturday, 15 September, the "EAGLES" of ERAU opened another soccer season with a smashing 9-0 victory over Flager College. The "EAGLES" showed a well-balanced offensive attack and some good defensive play. Todd McQuaid of Emory-Riddle was instrumental in both the offensive and defensive efforts. McQuaid was pressed into service as a substitute goalkeeper when Flager threatened to upset the "EAGLES." During the turn of events, McQuaid made several excellent saves including the block of a penalty shot. As an offensive player, McQuaid made his presence felt at the other end of the field by scoring one of Emory-Riddle's 9 goals. Other EAGLE scorers were added by Bruce Mafford with 3 goals to his credit, Hakim Salih and Ward Dunning each added a pair of goals and Glen Haupt capped off the week's scoring with one goal.

This year's edition of the soccer squad has quite a number of new faces in the lineup. There has been a substantial change in the number of Americans playing soccer at this institution, with 14 of the 22 number equal being from this country.

The "EAGLES" play their next game on Tuesday, 25 September, when they face Rollins College. Dean Manship feels that this should prove to be a tough one. The Eagles have been trimmed together for the past 3 months. Their training included a trip to England where they were given a taste of international competition. They have also played an exhibition game against the Atlanta Trotters of the Pro ranks. Considering the training Rollins has gone through and the class of players at Emory-Riddle, this should prove to be one of the top games of the season.

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OF TECHNOLOGY
ST. LOUIS COLLEGE
EAST VS WEST II
UNIVERSITY OF
FLORIDA

*Florida Intercollegiate Soccer Conference
-All Star Game, Coaches Selections

SOCIO SCHEDULE
SATURDAY, SEPTEMBER 20

HOME PREDICTED SCORE VISITOR
AIR FORCE 29-19 NEW MEXICO AIR FORCE
ARIZONA ST. 41-12 COLORADO ARIZONA ST.
ARKANSAS 27-17 IOWA ST. IOWA ST.
ARMY 26-19 CALIFORNIA CALIFORNIA
BRIGHAM YOUNG 23-18 OREGON ST. OREGON ST.
COLORADO BAYLOR COLORADO 20-22
GEORGIA NORTH CAROLINA ST. N.C. ST.
CLEMSON GEORGIA TECH. GA. TECH.
INDIANA KENTUCKY KENTUCKY 25-19
KANSAS MINNESOTA KANSAS 28-17
LOUISIANA ST. RICE L.S.U. 37-26
MARYLAND VILLANOVA MARYLAND 31-13
FLORIDA ST. MIAMI (FLA.) MIAMI 29-13
MICHIGAN NAVY MICHIGAN 40-10
MICHIGAN ST. U.C.L.A. U.C.L.A. 37-19
MISSISSIPPI SO. MISSISSIPPI MISSISSIPPI 26-12
MISSISSIPPI ST. FLORIDA FLORIDA 22-12
NEBRASKA WISCONSIN NEBRASKA 41-14
NEW MEXICO ST. WICHITA ST. NEW MEXICO ST. 21-19
NORTH CAROLINA MISSOURI MISSOURI 29-12
NORTHEASTERN PITTSBURGH PITTSBURGH 22-19
OHIO ST. TEXAS CHRISTIAN OHIO ST. 34-12
OKLAHOMA ST. SO. ILLINOIS OKLAHOMA ST. 37-7
OREGON UTAH UTAH 30-25
PENN. ST. IOWA PENN. ST. 36-16
PURDUE NOTRE DAME NOTRE DAME 36-12
SOUTHERN CAL. OKLAHOMA U.S.C. 23-20
SOUTHERN MTH. VIRGINIA TECH. S.M.U. 34-12
STANFORD SAN JOSE ST. STANFORD 29-15
TENNESSEE AUBURN TENNESSEE 24-17
TEXAS TEXAS TECH. TEXAS 19-15
TEXAS A&M BOSTON COLLEGE TEXAS A&M 23-22
TULANE VIRGINIA MILITARY TULANE 36-6
VANDERBILT ALABAMA ALABAMA 38-13
VIRGINIA DUKE DUKE 24-17
ILLINOIS WEST VIRGINIA ILLINOIS 29-23
WASHINGTON ST. SYRACUSE SUNY, 25-12
SACRAMO WYOMING WYOMING 25-14
TEXAS EL PASO W.M. "MARY W.M." 19-10
EAST CAROLINA FORUM EAST CAROLINA 38-14
RICHMOND WAKE FOREST RICHMOND 21-17
TAMPA KANSAS ST. KANSAS ST. 20-19
SAN DIEGO ST. KENT ST. SAN DIEGO 22-18
MARSHALL XAVIER (OHIO) MARSHALL 27-14
TOLDO OHIO U. TOLDO 24-18
BOWLING GREEN WEST. MICH. BOWLING GR. 24-19
MEMPHIS ST. HOUSTON HOUSTON 20-19
TULSA CINCINNATI TULSA 22-6
SOUTH CAROLINA MIAMI (OHIO) SOU. CAR. 27-19

The Division of Math/Physical Science has established a Math Tutoring Service for the fall trimester. All students are encouraged to use this service. All sessions will be held in Room 309 at the times indicated below.
The number of blacks and women on U.S. college faculties has increased more than 3 per cent over the past five years, a research report shows.

The American Council of Education, which issued the report Friday, concluded that "affirmative action programs designed to increase the proportions of minorities and women on college and university faculties seem to be moving at a slow pace."

The report said that the percentage of blacks among teaching faculty members increased from 2.2 per cent in 1968-69 to 2.9 per cent in 1972-73. It said the percentage of women faculty members increased from 19.9 per cent in 1969-70 during the same five-year period.

Faculty Makeup
Change Is Slow

Clean water: with the U.S. Navy

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Picture Landings
Are Their Forte

SAN FRANCISCO-(UPI & Miami Herald)-A commercial airline pilot on his first run into Cold Bay, Alaska recognizes the runway's characteristics as quickly as a pilot who has been there dozens of times.

How? He has viewed the approach on film.

At one time, in order to meet Federal Aviation Administration regulations, a pilot had to be sent on a special orientation trip with a check pilot before he could qualify for flights into an unfamiliar airport.

But modern cinematography has changed all that. Now the FAA allows a pilot to fly into places like Mucumo, Venezuela, and remote Cold Bay if he has studied the approach on film.

Two of the most experienced photographers of airport runways are Dave Croce and Chuck Sailorby, based at Pan American World Airways' operations headquarters at San Francisco International Airport.

Pan Am has prepared runway filming back in 1966 and since then Croce and Sailorby have helped build the airline's film library to include more than 100 airports worldwide.

Each film is 16mm color and runs about 10 minutes, showing a view from the cockpit of a landing. A sequence is shot for every airport's runways and all of its taxiways.

Croce and Sailorby say shooting the film can take from one to two days, or even six weeks, although one day is generally the case. A key factor is good visibility and stable air conditions.

Little one-runway Cold Bay took one week.

"I spent eight days of waiting and false starts" said Sailorby, who shot the Cold Bay film in May 1966.

Chicago's O'Hare International, the world's busiest commercial field, took Croce only about an hour to shoot.

"First," Croce said, "the weather conditions. You can't fly the light aircraft charted for the filming just fly in and around the big scheduled traffic like a breeze.

The six-week job was Hong Kong's Kai Tak Airport. "Kai Tik is an extremely complex airport to land at," Sailorby said, "and we spent considerable extra time getting the airport approaches and taxiways under all conceivable conditions."

As a result the Hong Kong film is much longer than most--42 minutes.

The actual filming can sometimes be the easiest part of the job. In most cases Pan Am must get a local government or military OK before going in to shoot.

Croce and Sailorby are currently waiting for a go-ahead on Taipei, Taiwan.