Avion 1978-05-24

Embry-Riddle Aeronautical University

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**DOWNS GROWS SOLAR**

By Jonathan Bailey

The F.A.A. is offering after your money again; not just pilot's money but maintenance technician's money also. The F.A.A. has received a Notice of Proposed Rule Making pertaining to fees for a newer maintenance technician certification test.

Some of the largest fees proposed are aimed at mechanics. For example, the Airframe Mechanics practical test would cost $324.50 and that in Airways only Powerplant tests would cost a further $267.00 and should one fail the test on the first try one must pay again for a re-test.

For each written test a mechanic must pay $22.50 and if mechanic will not pass the test can only be retaken if he can prove he has money for it. Remember it's your money that you don't have to worry about!

The following is a list of fees that the maintenance technician can expect:

**MAINT. TECHNICIAN FEES**

1. Each written test other than for an Inspection Authorization... $15.00
2. Each practical test administered by the FAA for an Inspection Authorization... $400.00
3. Each Inspection Authorization issued under an application for one... $305.00
4. Each RENEWAL of an Inspection Authorization... $115.00
5. Each practical test administered by the FAA for a Private Pilot certificate... $545.00
6. Each practical test administered by the FAA for a Pilot's License rating... $287.00
7. For AIRMEN
   - Each written test... $17.00
   - Each practical test administered by the FAA... $10.00
8. Each practical test administered by the FAA for a Private Pilot certificate or additional rating on that certificate... $115.00
9. Each practical test administered by the FAA for a Commercial Pilot certificate or additional rating on that certificate... $115.00
10. Each practical test administered by the FAA for a Private Pilot certificate or additional rating on that certificate... $155.00
11. Each RENEWAL of an expired Flight Instructor certificate... $365.00
12. Each RENEWAL of an expired Flight Instructor certificate... $155.00

**ERAU HOLDS 30**

Emory-Riddle Aeronautical University's Daytona Beach graduation was held at 9 a.m. April 25. Commencement ceremonies were held outside, adjacent to the Bill Wiley Aeronautical Science Center on the main campus.

A total of 361 persons, including six women and 13 men, graduated.

**VARIEZ**

By Jonathan Bailey

Mr. Bill Cook's Varieze is rapidly taking to the air after many long months of hard labor.

For those of you who are unfamiliar with the Varieze, Mr. Bill Cook a local resident who has built a very unconventional homebuilt airplane made from fiberglass and foam, powered by a 50-horsepower Continental engine and the tail is located in the front. This "auto" is known as a canard and the arrangement makes flying virtually possible at any speed before the wing caused the nose to come down and up to speed to build up again and in preventing the wing from stalling.

The engine being that of the Varieze's 200 miles per hour. The airplane seats two in a single-engine plane, and has dual sidestick controls, but only one set of rudder pedals.

At present Cook is busy going high-speed taxi tests at Deford Airport and working out the bugs of which the airplane seems to be very few. The F.A.A. received within a week or two to inspect the airplane and certify it. But 80% of the AVIAAM's review report on what it is like to fly in a Varieze to keep your eyes open for more news.

**ERAU GETS $50,000 GRANT FROM CESSNA**

By Jonathan Bailey

Cessna Aircraft Company, Inc. recently announced that it was making a grant of $60,000 to Embry-Riddle Aeronautical University to see that the total cost of the new Aerobatic Building presently being built next to the Maintenance Technology complex.

Cessna president, Russ Mayer, announced the grant in a telegram to President Hunt. The grant will be paid over a 5-year period at a rate of $12,000 annually.

Site clearing for the new building began on May 1st after the construction contract was signed on April 27th.

**Schedule for Course Equivalency Examinations**

Summer A & B

<table>
<thead>
<tr>
<th>Course</th>
<th>Dates</th>
<th>Exam Type</th>
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</thead>
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<td>June 25</td>
<td>Aviation Management</td>
</tr>
<tr>
<td>Computer Technology</td>
<td>June 25</td>
<td>Aerospace Engineering</td>
</tr>
<tr>
<td>Humanities and Social Science</td>
<td>June 26</td>
<td>Aerospace Engineering</td>
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<tr>
<td>Mathematics and Physical Science</td>
<td>June 26</td>
<td>Aerospace Engineering</td>
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</tbody>
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**W.E.H.U. Radio Station Meeting**

The meeting will be held on May 25th at 7 p.m. Lexume to any student.

**CLASSIFIEDS**

<table>
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<td>2</td>
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</tbody>
</table>

**NO CUES**

**W.E.H.U. Radio Station Meeting**

**VARIEZ DURING HIGH SPEED TAXI TESTS**

**THE RIDDLE??**

This week's Trivia question is very easy. It goes like this:

**THE RIDDLE??**

No one answered the Riddle last week. The answer is Boring offers nine versions of... the check for good luck.

The winner of this week's Riddle will receive the following prize:

- A $50 check

If you didn't win last week, we did want to mention that the winner of the last trivia question of the E.R.A.U.'s Anitqum and Knowledge Contest was Tim Riddle. The check for good luck was sent to the correct answer.

The winner of this week's Riddle will receive the following prize:

- A $50 check

If you didn't win last week, we did want to mention that the winner of the last trivia question of the E.R.A.U.'s Anitqum and Knowledge Contest was Tim Riddle. The check for good luck was sent to the correct answer.
Did you hear about John? He finished up his last trimester in the spring and showed up at graduation only to find out that he was still one class short. Fortunately, this never happened. My point in bringing it out is there is a real possibility that it could happen. How many of you are getting down in your last trimester and have not been over and spent some time with a counselor to verify that you haven’t forgotten anything? I Graduates in done and went over shortly before the A term began and discovered that I needed one more class than I thought I did. It would be unfortunate to have to spend another trimester here for one class.

I think, in looking back over my college career, that one of the best pieces of advice I could give the new student would be to let the counselors help you to plan your education. Perhaps by taking certain courses you might be able to qualify for an Associate Degree in your minor. You are paying for this service, it would be a pity to miss it.

While we are on the subject, let me address a question to the Administration. Would it not significantly reduce the number of course substitutions and help to standardize the curriculum if the school were to require a student spend a session with his advisor or a counselor once or twice a year?

In order to provide Embry-Riddle students, faculty and staff with up-to-date information regarding the University’s growth and development, The Avion will print queries and answers relevant to E-Rau operations, and planning activities. If you have a question, you may present it in person at the University Conference Center Purpose Room near the main switchboard, on any Thursday from 8 to 9 a.m. and from 4 to 5 p.m. Embry-Riddle Student Life Development representatives will be on hand during these times for personal discussion. Or visit or write to Marketing & Development, Administration Building, any time Monday through Friday, 8 a.m. to 5 p.m. Please call 433-3867 to arrange an appointment.

STUDENT’S QUESTION:

Why do E-Rau security staff members act like security guards? We go no smiles and no help from them.

ADMIN. ANSWER OR COMMENT:

John A. Feld, Embry-Riddle Director of Administration, had this to say about the security situation.

Positive steps have been taken to improve the efficiency, attitude and image of the former Security Department. This department, as it previously existed, was not in tune with the philosophy of Embry-Riddle. It was evident that the departmental policies must become more efficient, but also become more responsive to the needs of the students. In addition, it was essential that in conveying their day-to-day services, the Security personnel better project the image and values of the University to students, staff and the public.

The department was reorganized to function within the Physical Plant management structure. This is organizational - consistent with universities of our size, and with our efforts to ensure continuity of service. The name was changed to Department of Safety, Security and Traffic, which includes an awareness of individual needs and law enforcement.

In overall numbers, our safety force has been reduced. This has been compensated for by an all-out effort to increase the efficiency and upgrade the services of the department. Students are encouraged to make recommendations or discuss any difficulties they may be experiencing in regard to the Safety program with Mr. Bird. Be assured you will get both receptive and responsive.

IS CO-OP FOR YOU?

TO QUALIFY:

ERAU CO-OP PROGRAM

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• TRANSFER STUDENT - COMPLETED ONE TRIMESTER AT ERAU

HOW TO APPLY:

• EARN WHILE YOU LEARN
• POTENTIAL DEGREE CREDITS
• TEST CAREER GOALS
• INTERACT WITH EXPERIENCE BETWEEN STUDENT AND WORKING WORLDS

APPLY NOW:

• COOPERATIVE EDUCATION OFFICE
• UNIVERSITY CENTER

CONTACT:

• WARREN A. MESSER, DIRECTOR
• ROBERT BYER - CO-OP COORDINATOR
• EXTENSION 300/703

NOTE: STUDENTS WHO ALREADY APPLIED FOR THE CO-OP PROGRAM SHOULD COME AND UPDATE YOUR APPLICATIONS.

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LIBYA: An Ancient And Modern Civilization

By Talor Zieglin

LIBYA is one of the Arab countries in the middle east located in the north of Africa. Egypt is on its eastern border, and the Mediterranean Sea is its north. Libya, Tunisia and Algeria form its western border; Chad, Niger and Sudan form the southern border. The population of Libya is nearly 3 million. The area is

Though the size of the state of Texas, the capital of Libya is Tripoli. The other two major cities in Libya are Benghazi and Sabha. Most of the people live by the coastal strip. Most of the country is desert, which is about 78% of the total area. The Arabian name for the desert is Sahara.

The major religion is Islam. Almost all Libyans are Muslims. Our religion, Islam, is based on the Koran, which includes the original Old and New Testament. We believe in all the old prophets, messen-
gers of God, Moses, Jesus, Christ, and continue to follow Jesus Christ and Mohammed as equal messengers of God. With Mohammed only being the later messenger of God, We, the Muslims, the Christians, and the Jews all worship the same God.

Our national language is Arabic. This past year our National People Congress elected the Arab world capital as our national name which means government of the people, by the people, and for the people.

Our recorded history goes back over 4,000 years. Many of the antiquities are still standing. Libya’s ancient civilizations are unclaimed all over the world. They include ancient Greek and Roman monuments, baths, and ruins and buildings.

They are very interesting for the average tourist to see.

Our major export is oil. About 11% is exported to the United States, and other major oil export countries are Japan and West Germany. With the oil money we are also developing new industry, agriculture, and mining.

The location in Libya plays a big role in our society. We have over 2,000,000 students going to school in Libya from elementary to secondary university levels. There are about 2,000 Libyan stud-
ents taking their education in the United States in different majors.

The Libyan students at Em-
}shy-Biddle take the friendship you have extended to us back to Libya. We hope you will feel our country so that we can return the hospitality you have shown us.

COMING UP NEXT: AUSTRALIANS

NOVA FLITE CENTER

COMING 300FT IT HAS ARRIVED!! THE 1978 TOMAHAWK

BOTTLE & CAP BAR BEER WINE PIZZA

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DAYTONA REGIONAL AIRPORT

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DAYTONA REGIONS AIRPORT
In the first 10 months of this year, the men and women of Civil Air Patrol conducted 695 emergency service operations (auxiliaries). This is one higher than the 694 missions recorded in all of 1978, the highest year in recent years.

No one knows what is the record number of searches ever held for the war years and the earliest prewar years since no official records exist for these years which would enable them to be kept being kept.

In 1975, Civil Air Patrol was credited with saving the lives of 77 persons through its search and rescue operations, the highest in recent years. This year, 45 persons owe their lives to CAP efforts.

But these 45 have been saved while flying fewer sorties (7,883) in the first 10 months of 1979 than in all of 1978. In addition, Civil Air Patrol crew have located 307 persons in the month of this year.

These statistics indicate an increased efficiency on the part of Civil Air Patrol crews when the reasons are varied. Sophisticated technology, the increased use of Atlantic and Gulf Coasts, look-up service reduction, better use of the report, and the use of the amateur radio Lansing with the other news is increased in recent years.

The FAA, Civil Air Patrol and the Aviation Coordinators Center have developed techniques and computer techniques to speed aerial search efforts. The techniques have been refined and have shown how the first time on search and rescue, the Civil Air Patrol have been possible to use these techniques.

In addition, intelligence-gathering techniques are used in a large part of its cadre program. In addition, it sponsors a variety of newscast, radio, and audiovisual encampments for its training of CAP cadets. It is through co-operation with the Arm Forces.

The topaxed such activity is the International Cadet Exchange. Under this program, which the Air Force help sponsors, young persons of Civil Air Patrol, accompanied by adult escorts, sail approximately 22 members. CAP Civil Air Patrol observes its 25th year of service to community, state and nation, its members point proudly to the services of organizations and the many thousands of lives it has saved over the years.

Civil Air Patrol has been involved in accidents that result from which is not part. But there are others, in the event of any reported accident that may be considered examples.

Civil Air Patrol has been responsible for helping inaugurate courses on aviation and space-related subjects in recent years. Each year, 30 to 50 persons owe their lives to Civil Air Patrol efforts.

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This past Friday the Vets began their Summer Ring by hosting a TGI-Friday, Every老兵 can expect the first Dogo and Beef. Restroom facilities opened the time to brush up on their Florida. A photograph of the night goes out to Derry Davis Johnson and Johnson in making for the whole thing possible. A special thanks to the W. O’Connor for slaving over the blazin’ mats and the Hot Dogs down.

ROCKET EXPLOSION

Continued from page 4

between the propellant and motor case as extra protection against such defects. Also, precautions are being taken and the propellants have been revised, and rocket construction and government test, inspection and manufacturing supervision have been increased.

New Castro IV motors incorporating these corrective actions were used under a carefully planned launch of loaf 141 on May 11, with 11,400 pounds of thrust, and the motor successfully lofted above loaf 134. The launch had been chosen largely due to the efforts of KSC’s master slings.

Bowling News

By Bert Bilt

Theadle Bowling League will be bowling 7:00 Friday nights at Haliburton Lanes, 609 Mason Ave. Students, faculty and friends are invited to come out and enjoy the games and test their skills. There will be four games per week with a small registration fee. The first week, Marilyn Bilt bowled a real 207, 503 series, and Tonya Bilt took a 177, 482. For the men, Jeff Mark took high game and series with a 234, 638 series. Also Bilt took 2nd place in a close second with a 231, 607 series. Please contact Box 2577 to sign up, no previous experience necessary.

FRATERNITY CORNER

Sigma Chi

By James L. Jarvick

Would you believe that through our foolish and silly antics this past weekend, our Chi has managed to run on our tradition of unsanctioned entertainment and Good Cheer? Yes folks, we really metallicized this time. The sultan committee was out in force for eight hours on Saturday and Sunday, and that some evening we sat down to a sigma power lunch at the ARC lounge in South Daytona. Of course, our disco people Tim and Chris were on the dance floor doing their things “YIP YIP!” That next weekend, every one was up bright and early (well, almost everyone and almost early) to begin an event that’s bound to win some ridiculous achievement award for originally on the Gang Show... the “Sigma Chi Car Wash and Bar-B-Q”. It seemed we washed half the cars in Day- town and a few of the broom and little ones as well. But the good part really began with our cookout back at the ranch. Everyone had a great time, and by the time we left, I mean, how could you NOT have a lot of fun with a half barrel of beer and a spilled watermelon for desert! Much thanks to all those who made it happen.

NEW HOUSE!!!

Remember the survey from the media center about weekend hours last term? The results are in, and it looks like 1 to open on Sunday instead of Monday. So, WE DID! The New House are from 4:00 PM - 11:00 PM. Come on down, relax and have a good time.

Don’t forget, no more Saturday hours. - After a good hard week of school and work, you’re ready for some Sunday bowling, (Maybe?) Stop by and check out some of the new books:

- Marathon: The World of Long Distance Athletics
- Chance: A Guide to Decision
- Fulw’s Guide to Defending the Performance of your...

- Suicide at War
- Non-Prescription Drug Use and Youth Affection
- The End of a Presidency
- A Revolution\n
- Out of this World: American Space Photography

There are just a few times of new and exciting events we are undertaking even now.

"CAPTURE THE SUN"

CONTEST NOW UNDERWAY FOR COLLEGE STUDENTS

Students from Bailey-Rid- den University and all others have the opportunity of winning a $200.00 Savings Bond in the “Capture the Sun” contest. The contest is open to all students and promote interest in solar energy and encourage energy conservation.

The contest is for the best working model or display of technical paper on an new way or method of providing the greatest asset—sunshine. In addition to the $200.00 Savings Bond for the winner, there will be a $50.00 Savings Bond for the college or the university.

There will be six runners-up each receiving a $250.00 U.S. Savings Bond, and the college or university will receive a $50.00 check. Deadline for entries is April 15, 1979.

The $200.00 Savings Bond will be presented at the Bailey-Riden University spring convocation to the winning student. The $250.00 Savings Bonds will be presented at the Bailey-Riden University spring convocation to the winning student.

A long sheet group seems to be jelled in the heart of our fearless team of Leopoldi seem to have been shared out between the teams. Rustle also hit that the winning team will be selected by the "Cap- ture the Sun" group.

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PEARLCORDER ★ AKG ★ MAXELL ★ ★ LOTS MORE