



Avion

Newspapers

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Embry-Riddle Aeronautical University

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the avion

The award-winning newspaper of Embry-Riddle Aeronautical University



Embry-Riddle Aeronautical University

Volume 32

Wednesday 1 August 1979

Issue six

MAN'S FIRST STEP ON THE MOON REMEMBERED

FOCUS CAST ON PRODUCTS OF MISSION

[First segment of this article taken from NASA's Log of Apollo 11, published June 1979]

July 20

9:27 a.m. - Aldrin crawls into the lunar module and starts to power-up the spacecraft. About an hour later, Armstrong enters the LM and together they continue to check the systems and deploy the landing legs.

1:46 p.m. - The landing craft is separated from the command module, in which Collins continues to orbit the Moon.

2:12 p.m. - Collins fires the command ship's rockets and moves about two miles away.

3:08 p.m. - Armstrong and Aldrin, flying feet first and face down, fire the landing craft's descent engine for the first time.

3:47 p.m. - Collins, flying the command ship from behind the Moon, reports to Earth that the landing craft is "on its way down to the lunar surface. It is the most dramatic moment I have seen in all my life. Everything's going just swimmingly," Collins reports.

4:05 p.m. - Armstrong throttles up the engine to slow the LM before dropping down on the lunar surface. The landing is not easy. The site they approach is four miles from the target point, on the southeastern edge of the Sea of Tranquility. Seeing that they are approaching a crater about the size of a football field and covered with large rocks, Armstrong takes over manual control and steers the craft to a smoother spot. His heartbeats has risen from a normal 77 to 156.

While Armstrong flies the landing craft, Aldrin gives him altitude readings: seven hundred and fifty feet coming down at 25 degrees, 700 feet, 21 down, 100 feet down at 15 degrees. For the shadow out there, 75 feet, things looking good. Light on. Picking up some speed at 30 feet, 24 down, 100 feet down. Four thousand feet forward, drifting to the light a little. Commanders Okay, engine stop.

When the 6-inch probes

beneath three of the spacecraft's four footpads touch down, flashing a light on the instrument panel. Armstrong cuts off the ship's engine.

4:18 p.m. - The craft sets down with a jolt almost like that of a jet landing on a runway. It is at an angle of no more than four or five degrees on the right side of the Moon as seen from Earth. Armstrong immediately radios Mission Control: "The Eagle has landed."

By J. T. Shelton
Avion Staff Reporter

July 20, 1979 marked the tenth Anniversary of Apollo 11 landing on the moon as well as nearly twenty years of space exploration. At the Cape this day was celebrated by a cake decorated to look like Armstrong on the lunar surface, while in Washington, D.C., the three Apollo 11 astronauts: Neil Armstrong, Michael Collins, and Edwin "Buzz" Aldrin remembered it with a day of fanfare at the Capitol.

This date marks not only a high point in the NASA program but a high point in the history of the U.S.A. and the World. Man had journeyed and landed on another planet. A dream come true, but was not the end. NASA has been making dreams come true indirectly for millions in the form of space technology spinoffs.

Imagine, if you may, your life or the life of someone else without some of the following: The Heart Pacer

Frozen Dried Food
Tang
Smoke Detectors
Digital Clocks
Digital Watches
Hand Held Computers
Video Tape Recorders
Long Wearing Paints
Caulking Sealants
Space Food Sticks
Space Rescue Blanket — often found in survival kits.

Now think on a larger scale:

Satellite Weather
Voice Controlled Wheelchairs
A system to analyze body fluid to identify the cause of infection Monitoring Equipment small enough to fit into a briefcase for ambulances.

An Electronic stethoscope — a teaching device that simulates all heart disease conditions.

This is just a sliver of a few NASA spinoffs, but think of how they affect almost everyone in some way. If NASA can make all these dreams come true, I can't wait to see what the next twenty years unfold.



AVIATION ENGLISH:

ANOTHER RIDDLE HORIZON

By Ralph DeMico
Director of AELT

venity with the reputation of E-RAU.

Although the adjustment to the "western way of life" is difficult for our students from Saudi Arabia, Japan, Venezuela, Libya, Oman, Jordan, Syria, Iran, Ecuador, Costa Rica, Ivory Coast, and other countries, they usually leave the United States with a better knowledge of American education, democracy, and people. The presence of these students on campus also enables us to meet and understand the people from many nations which appear distant to the average observer. In the effort to realize world peace and understanding, nothing has more potential importance than the success of institutions such as E-RAU. We prove through our work that the United States is truly a nation of quality and opportunity for all, and the students, faculty, and staff of E-RAU can be proud to be part of this effort.

SUMMER GRADUATION CEREMONIES "Things to do. Places to go."



SPECIAL SEMINAR FEATURED IN FALL

AVIATION WRITERS/P.R. PROFESSIONALS Seminar will be held November 1-2, 1979. The seminar will be sponsored by E-RAU at the Treasure Island Inn, Daytona Beach, FL. The seminar is tax deductible. For further information and registration contact Bob Whempler at 252-5561, Ext. 372.

Speakers include: M. Gene Dow, Editor, General Aviation News; Jay Durfee, Publisher of FLYING Magazine; Daniel Burton, Editor, SCIENCE DIGEST Magazine; John Meyer, Director of Communications, GAMA; Dennis Shattuck, Editor PRIVATE PILOT and AERO; Alfred Koltach, President, Jonathan David Publishers; and John Roach, President of CREATIVE WRITERS AGENCY, to name a few.

Topics include: What Information does Your Congressman Need? What Should You Be Telling the Media? What Do Newspapers Want From You? Are You Ready for Tomorrow's Headlines? What Do Aviation Magazines Want From You? Should You Write A Book? Will an Agent Help You? How Can a Public Relations Professional Increase His Impact Through the Media?

The graduation ceremonies

will be held in the University Center on Saturday, August 18, 1979 at 10:00 a.m.

If you want to participate and haven't already been measured for your cap and gown, run right over to the Dean of Students Office and get measured.

Graduates need to pick up their caps and gowns in PER-SON in the University Center Common Purpose Room on Friday, August 17, 1979, between 9 a.m. and 4 p.m.

On Saturday, August 18, assemble in cap and gown on the sidewalk in front of the University Center not later than 9:00 a.m. You will be briefed then about line up, marching, seating, and other pertinent details.

Graduates are requested to wear the following:

Men: White shirt, tie, dark pants and dark shoes

Women: White blouse, dark skirt (dark dress), and dark shoes.

When the ceremony has been completed, you must return your cap and gown at that time to the Health Services area in the University Center.

You can obtain invitations for the ceremony beginning August 6, 1979 in the University Center Bookstore at a cost of \$4.00. Invitations will not be necessary for entrance into the ceremony, but the University can only provide seats for approximately three persons per student.

The President's Reception for the families and friends of the graduates will be held

immediately following the ceremony in the University Center.

In addition, the Flight Life, AMT Buildings, Academic Complex, and Engineering Buildings will have an Open House from 11 a.m. to 2 p.m. on Saturday so that families and friends of the graduates will be able to tour the buildings at that time.

Those desiring to take pictures during the ceremonies

should be advised that seats will be provided in the front row and they should not stand in the aisles.

If you have any questions regarding your cap and gown, times, dates, or places, please do not hesitate to call the Dean of Students Office, ext. 316 or 317. Kaye Fente will be glad to assist you.

Deadline Today

FOR ADDITIONAL DEPOSIT

A reminder to all those who advance registered for Fall '79 back in April or May: Today is the deadline for the additional deposit. Here is a quick review of the requirements:

1. An advance deposit of \$100 before your advance registration. (If you did it in April or May, you must already have met this one.)

2. By August 1st (today) either:

A. Pay an additional \$250 deposit OR

B. Be able to have the Financial Aid Office certify that you have aid in the form of loans, grants, etc. coming for the fall in a total amount sufficient to cover ALL your fall charges.

3. Have your account paid up (you have an extra 2 days)

for this one if you have a 30 day Deferred Payment Plan for Summer B term since it's not due until August 3rd).

THERE ARE NO EXTEM-

SIONS OR WAIVERS - this information was published last February.

BRING MONEY!!!

A reminder - if you are not advance registered for Fall '79 remember that the regular Fall Registration for continuing students has been set for Wednesday August 29th. An advance payment of \$350 will be required on or before that date in order to receive a Bursar's Clearance to register (refer Dean of Admissions and Records Memo of April 1, 1979 to all students). Students under a 100% guaranteed tuition and fee payment program are exempt from this requirement but must have all summer charges paid.

A common misunderstanding among E-RAU students is that the International students are given a "free ride" through the university by their governments. In reality, the majority of AELT students are sponsored by various national and international corporations which agree, under contract, to provide the necessary funds for the students' higher education, in return for later service. For this reason, the majority of international students in the program are hard-working, serious students who recognize the tremendous responsibility as well as the privilege of being able to attend an American uni-



Physics for Non Physics Lovers

PS 102 EXPLORATIONS IN PHYSICS

A new course is being offered this fall for students in majors other than Engineering and Aeronautical Science. It will replace or can serve as a substitute for PS 103. And it will deal with conceptual rather than problem solving physics. MWF 8:00 - Sec 01. Palmer 10:00 - Sec 02. Palmer Preregister NOW FOR PS 102!

Letters to the Editor

It's good to read some real investigative reporting from the Avion. I was a senator at the time of the awards banquet and to the best of my knowledge Gwen was appointed by the Senate to select and buy gifts for the members of the senate and the executive cabinet. The last meeting was a moving one emotionally because Gwen had put alot of effort into the work she was doing and then Mike, Frank, and Lazlo decided they would find gifts for everyone instead. The reason for this, as stated by Mike was that he was sick of receiving plaques and having them hanging from his office walls and that this time he wanted a personalized gift he could use. At or about this time it was decided not to have the banquet at a restaurant, as planned, but at Mike's house instead. (I guess it would have been a real inconvenience to lug that big craftsman saw to the restaurant). The meeting was adjourned and this matter was debated in the SGA office where Nena was confronted with the dilemma. Nena honestly replied that some members of the organization would be offended if they didn't receive a nice gift as someone else. Mike continued to argue against

standardized gifts and replied that he had pretty good judgement and he could find personalized gifts that were suited to each person proportional to the amount of work that they had done during the year. I didn't attend the awards banquet so I wasn't aware that Mike and Frank awarded themselves so graciously for being our President and Vice-President. I received a nice plaque in my mail box thanking me for my work senator. So it goes.

Tom Campagnola

TO THE EDITOR,

As a continuing student and dormitory resident (6 times), I am getting a bit disgusted with the immaturity and absolute lack of consideration that particular students are showing.

These students seem to live by the ethic of have "fun and party" no-matter what the cost to university property and students.

That is, they out-and-out destroy furniture and other permanent features in the ROOMS, and they place fellow students in danger by recklessly

driving and shooting off firecrackers. [Not to mention generating unnecessary noise by cranking up their stereos.]

Damn it, why don't you children start acting like mature persons, or as sometimes stated ADULTS!

Quite honestly, I am tired of paying for your fun by paying higher bills each term. Thus, if you cannot take on the responsibilities of a wise university student, then go home. You will not be missed.

Signed,
A Student

editorial

This is the final issue of the Avion for the summer. The next issue will be a special orientation issue out on October 29. My reign as editor will end with this issue and elections for the position will be held prior to the first issue in the fall. The staff that worked with me all summer have made this summer's Avion the best ever. As a reward for their service we enjoyed three dinner meetings and a trip to Disney's River Country is planned. If you feel like you have missed out on a good time, you're right! Don't miss out next tri, watch for our recruiting party in the fall.



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Klyde Morris



President's Corner

By Dave Wierper
SGA President

Once again, the end of the tri is here. It has been a hectic summer for the S.G.A. Your Student Government has been working hard for you. What have we done? Where are we headed? I feel confident in saying our future looks good!

In the beginning, we trudged along a little slow. This adjustment period occurs through each transition between Administrations. We are planning to change this problem for next year's group. We are involved with a new concept of organization under the current Constitution, and it is working out well. We are finally coming out of the slump and participation has increased. It will be great when the elected officers of the SGA return this Fall. I anticipate at least a doubling of our active force for the Fall term.

The Incentive Budget revision is coming along fine. I'm sure you are somewhat familiar with this concept after the last Avion came out. I would like to say that the article was factual, but that some of the information was left out.

I thank the "one" concerned student who stopped by the office to find out the entire story.

The summer trimester for

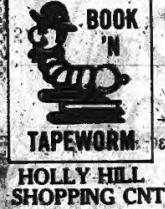
the SGA basically involves policy and procedure review. Under our new Constitution, all meetings are open to the student body. At the end of "A" term, we instituted a new procedure to tape all meetings and hold the tapes for one month. Our by-laws, (operational supplement to the Constitution), were partially revised, and should be complete by early Fall. Our Entertainment Division has been completely reorganized into a committee format, and we have some excellent programming already planned for the Fall. I'm sure the entertainment will be the best ever.

The expansion of the SGA beyond its formal members is starting to shape up, and our involvement has just recently been expanding. Our minority report to the Academic Standards Committee was passed. For those who forgot, the report requested that two relatives of a class be allowed rather than just one, which was passed by the Committee. The minority report was passed for Academics, but not for Right courses.

All in all, it has been a productive summer. I sincerely believe that you will see significant changes for the better in your SGA. Enjoy your final days of a safe vacation.

We did this to drive home a point.

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Bing Stewart

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By Scott R. Bowman
Avlon Staff Reporter

Have you ever asked yourself what qualities or attributes make a GOOD instructor?

This reporter randomly polled them to list three abilities or characteristics that they feel constitute a good instructor. This observer broke up the survey into three groups: Those students that have attended E-RAU three trimesters or less, four-seven and eight trimesters or more.

First, 19 percent of those polled had attended Riddle one to three trimesters. Students indicated the instructor, "Should come to my class prepared." "Excited about what he's teaching," "willingness to talk to and help students outside of class," and "less use of the same tests each time" were some of their responses.

Next, in the second group, 62 percent of those surveyed had received instruction at E-RAU from four to seven trimesters. This collection suggested, "a good instructor is able to be fair and admit, when proved wrong, that there are other so-

lutions or possibilities that can be considered." He should have "the ability to deal fairly, courteously and respectfully with students, and to demand the same in return. No silly fish!" If possible, his lecture should be in a note-takable form, such as an outline, which is easier for students to follow. Further, the ability "to design tests to evaluate the students' understanding in relation to the material" to be tested, and "Present material in such a way to make subject interesting or make student want to come to class." He should have a "DYNAMIC VOICE," and "offer test reviews so that the student is aware of questions/problems that were missed and be willing to admit that some

questions are vague, or easily misunderstood (and make the necessary corrections.)

Last, of the 21 polled, 19 percent of the students had attended Embry-Riddle, eight to ten trimester. They enumerated an instructor's communication, confidence and motivation skills are important.



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By KW Johnson
Stats by Gary Francis

Since there will be no more papers this term, this will be your last chance to read this really exciting column. There will be a fall league for all that are interested, so please join us for some fun.

Last week's stars were Rick Freeborn, who rolled a 220, Eleanor Lawson, who had a fine 167, and Jaime Munoz who had a 213 score.

This next week will really be exciting, because it will pit No. 1 Win, Place Show against No. 2 Rajacana, not to mention the No. 3 team, Pins A-Go-Go, who will be battling it out with No. 4, Los Caribes. Then the following week is position night; where everything is on the line.

I look forward to seeing

you all at our Bowling Party, so please attend! More information on that will be given out this Friday. And just as a reminder, please have all debts paid off by the last week! Good Luck to all you guys and we'll see you on the PBA tour this Fall.

STANDINGS

WinPlaceShow	33-11
Pajacana	32.5-11.5
Pins A-Go-Go	32-12
Los Caribes	31-13
Fore On Tap	27-17
Misfits	24-20
One More Time	20-24
Super Beetles	20-24
Graduates	17.5-26.5
The Unknown Team	12-32
SKUD	11-33

TOP FIVE MEN

Rick Freeborn	184
Terry Shalon	179
Dave Czibik	178
Edward Garcia	176
Bruce Morris	170

TOP THREE WOMEN

Karen Czibik	140
Judy Morris	133
Lee Morris	121

THE 200 RACE

Rick Freeborn, "Win, Place, Show"	8; Dave Czibik, "Win, Place, Show"	7; Terry Shalon,
8; Dave Czibik, "Win, Place, Show"	7; Terry Shalon,	7; Edward Garcia,
7; Edward Garcia,	7; Terry Shalon,	7; Bruce Morris
7; Bruce Morris	7; Edward Garcia,	7; Bruce Morris
7; Bruce Morris	7; Edward Garcia,	7; Bruce Morris

WOMANS Softball



THE RIDDLE RUNAROUNDS

By Linda Streeter & Kathy Marshall

Womens Softball at Embry-Riddle? Yes! Some of the women at Riddle (students and staff) have organized a team to play slow pitch softball. They call themselves (and what other name could be better?) The Riddle Runarounds. Rumor has it that the Runarounds are semi-tough, with a 2-0 record.

On Tuesday, July 24th, in their 1st game with the Homac

Connectors of Ormond Beach, the Runarounds waltzed to victory with a score of 19-4.

On Thursday, the 26th, the Optimist Club of Halifax (a men's team) challenged the women to a Rally. We would like to report the Runarounds won fair and square, but there were a few rule changes such as, the women were allowed 4 outs per inning and men batted left handed. It was a good game but the girls want "no more special rules."

The coaches have done wonders with the team. With the exception of some pulled muscles and leg cramps, no other injuries have occurred.

Women who are interested in playing, contact the Financial Aid office at Ext. 350. Head coach: Dean Aggett. Assistant Coach: Bill Wilder.

Tim Ryan

Line Up:

Naveda Wilder
Linda Singletary
Kathy Marshall
Sandy Marks
Linda Bloom
Janet McGuffie
Karen Samluk
Kay Fente
Pamela Pedron
Linda Streeter
Sharon Ryan
Leslie Swettger
Leona Jordan.

New ERAU RECREATION DIRECTOR ARRIVES

Meet our new Recreation Director, Leslie Swettger! Her various duties will include preparing special events for all students.

She is planning many new intermural sports including water polo, tennis, and swimming classes. She mentioned that there will be more special events such as tournaments in softball, tennis, volleyball, basketball, football, and bowling. Among her other interests she likes skiing, camping, and other outdoor sports. Leslie will be setting up our future sports programs. If anyone has ideas feel free to give her a call or drop by and discuss them.

Leslie holds this position with a B.S. in Municipal Recreation, also with a Masters in Parks and Recreation Administration. She has also been a tennis instructor and participated in many sports. She has played volleyball, softball, basketball, football, and bowling. Among her other interests she likes skiing, camping, and other outdoor sports. Leslie will be setting up our future sports programs. If anyone has ideas feel free to give her a call or drop by and discuss them.

Reel Entertainment



Big escape, to finally escape.

This film portrays a generally realistic view of the conditions that once existed at Alcatraz and although not necessarily a physically violent film it will keep you at the edge of your seat to the end.

Now playing at the Halifax Twin Theatre.

"THE VILLAIN"

Starring:
Kirk Douglas as "Castus Jack Slade (The Villain)
Arnold Schwarzenegger as Handsome Stranger

Ann Margret as Charming Ruth Buzzi as Danson in Dis-tress
Mell Tillis as Telegrapher
Lynde as Chief Evil Eye
Ott, the Horse as Whiskey the Horse

By J.T. Shelton

"ESCAPE FROM ALCATRAZ"

If you're in the mood for a good, taunt, thriller see, "Escape From Alcatraz." This movie is based on the true story of Frank Morris - a man of superior I.Q. believed to be the only man to escape Alcatraz before the prison's closing in the early '60's. We follow Morris (played by Clint Eastwood) from his arrival at Alcatraz in January 1960, through the events that induce

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When Daddy needs a loan from the Bank to continue working the silver mine he sends his little girl, Charming Ruth Buzzi, to town to pick up the money. Daddy also hires a good friend, Handsome Stranger, to escort her back. But, of course, the bank is a bit crooked and hires Cactus Jack Slade (the Villain) to make sure the money does not get there, yet the Banker does not trust Slade either and hires Chief Evil Eye to keep an eye on Slade. Slade, not being very good at Villainy, constantly reads "Bad Guys of the West" which does not improve his abilities, if any. But after many misadventures, he gets the girl in the end.

This obviously adds up to a comical movie now playing at Volusia Mall Theater.

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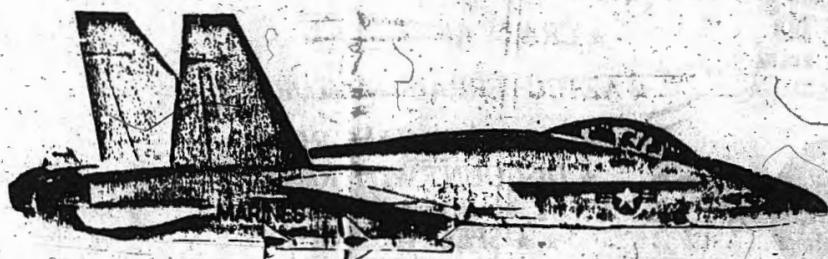
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- Electronics Officer
- Engineer Officer
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