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Embry-Riddle Aeronautical University

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THE AVION

Eagle Flight closes doors

Employees were stunned by the closure late last month

by **Todd Hughes**
A.P. News Editor

Employees of Eagle Flight Center showed up for work on Saturday, June 8, only to find out they did not have a job anymore. The aviation company closed forever the night before.

Eagle Flight Center was owned by David Hoefgen who purchased the school about three years ago. Mr. Hoefgen and his family managed Eagle, and were responsible for closing it down and moving out all of its holding without any of their employees being aware of their plans.

On Friday evening, the Hoefgens said to their employees, "Good job, see you tomorrow." The Hoefgens also had instructors fly planes to Orlando for their 100-hour inspections on Friday. They were actually returning the aircraft to the leasing

company.

Employees showed up for work on Saturday expecting to find business as usual. Instead employees found everything gone and a security guard who informed them to clean out their desks and leave the property. Employees that arrived for work that morning contacted other employees to inform them of the situation. As of Tuesday of this week, none of the employees have

The Hoefgens were accepting money from students as late as the last day of operations...

received their last paychecks.

Former Eagle instructors informed the Avion that business

had been in a downturn since March of this year. This was the same time that the Hoefgens started an account policy allowing students to be scheduled to fly only if they had at

least \$500 in their flight accounts, the instructors said.

The Hoefgens were accepting money from students as late as the last day of operations.

A barbecue was held at an apartment complex near Beville Road for anyone who was affected by the closing. During the barbecue, a list was compiled of everyone and how much was owed to them. The total amounted to \$80,000, this without all those who are owed being at the barbecue. One student who was there had stopped flying at Eagle six weeks before the closing and was waiting for a refund that he never received.

Those who were hurt the most by Eagle's closing were foreign students. Because they were foreign students, Eagle required large flight deposits from them. Reportedly, most of them lost at least \$1000.

In addition to the cash loss they see Eagle, page eleven



Bye bye birdie... Eagle Flight Center shows no signs of activity in this aerial photo taken after Eagle's owners abruptly abandoned the business. The company closed, leaving employees and customers angry and worried about their individual futures.



Flying jellyfish in space... Columbia carried jellyfish and rats in the Shuttle program's first mission dedicated to the life sciences.

Columbia brings life science into space

by **David Fekke**
Production Editor

The Space Shuttle Columbia blasted off from pad 39B last Wednesday at 9:24 a.m. after two delays and almost a third. The shuttle held at T-minus nine minutes for over one and one-half hours

The T-minus nine minute hold is only supposed to last for ten minutes, but NASA held the launch for over an hour and one-half due to a cloud bank that extended from 14,000 feet to 19,000 feet. NASA will not let the shuttle take off if clouds extend 4,500 feet or more in the path of the shuttle.

Fellow NASA astronaut Dick Covey flew emergency approaches in the Shuttle Training Aircraft, a modified Gulfstream aircraft, to investigate the weather situation. He took off on his final test just after 9:00 a.m. and radioed back that the weather was clear.

The shuttle took off with no mechanical complications. This was good news for NASA, because the success of this mission played a part in Congress' decision to spare the Space Station Freedom program.

The mission was originally scheduled to take off May 22, but was postponed because nine sensors in the inlets of the main engine had to be replaced with dummy plugs. Less than two days before the launch, Rockwell officials stated that it would be unsafe to launch the shuttle with the sensors, because they

could have been drawn into the intake if they broke off in flight.

Later, on Saturday, June 1, the shuttle countdown was stopped at T-minus 20 minutes because one of the three IMU's was giving erroneous indications in a prelaunch test. The IMU's or Inertial Measurement Units are inertial navigation systems that were designed back in the 60's and 70's to give the shuttle crew an indication of their position. The IMU was replaced by a spare.

Three working IMU's are needed because if one fails, they remaining two are needed to carry out the mission. Otherwise, if one of only two failed, the shuttle's computers would not know which system was correct.

The mission is totally dedicated to life sciences. As a result, hundreds of tiny jelly-fish and dozens of small rats are journeying around the world. Astronauts have stated that these passengers have adapted well to the weightless environment after a relatively short time.

Also, the astronauts are taking body mass readings, vital signs, and blood level counts of each other to see how the human body reacts zero-G.

This mission is special for Embry-Riddle because a former Board of Trustee's member

is a mission specialist on this mission. Dr. Millie Hughes-Fulford served on our Board of Trustees starting in 1986 until she had to leave for training on this mission in 1988.

She has written over 60 papers on cholesterol metabolism, cell differentiation, cell growth, and DNA synthesis.

All the other mission specialists have similar backgrounds due to the nature of this mission. This is the first dedicated life sciences mission, hence the rats and jellyfish.

In addition to Hughes-Fulford, the crew consists of Bryan O'Conner (Col., USMC), the mission commander; Sid Gutierrez (Lt. Col., USAF), pilot; Jim Bagian (M.D.), Tammy Jernigan (Ph.D.) and Margaret Rhea Seddon (M.D.), mission specialists and Drew Gaffney (M.D.), payload specialist.

This mission has had some difficulties. A blanket in the aft cargo bay is out of place and it is feared that the payload door may not close. A space walk may be needed to fix the problem, but a simulation of the problem on the Discovery at Kennedy Space Center led NASA to believe there will not be a problem.

Columbia is scheduled to return to Edwards AFB on Friday morning. After this mission, Columbia will be returned to Rockwell's Palmdale plant where it will undergo extensive modifications, allowing the orbiter to endure in space for up to one month.

NASA will not let the shuttle take off if clouds extend 4,500 feet or more in the path of the shuttle...

The shuttle took off with no complications, which is good news... success of this mission played a part in Congress' decision to spare Freedom...

Beachport project kicked off

by **Jon Osterholm**
Editor-in-Chief

The Daytona Beach Regional Airport will have improved terminal facilities in about 18 months. On Tuesday of last week, June 4, groundbreaking ceremonies were held, kicking off a \$57 million airport project. John E. Evans, a local celebrity who has worked at WESH-TV (channel 2), was the master of ceremonies.

The ceremony began with speeches by County Council Chairman Big John, County Manager Tom Kelly, and manager for the FAA's southern district airport office, Steve Brill.

In the middle of the ceremony, members of the Skydive DeLand parachuting team dropped in with hip pouches for the VIPs at the groundbreaking. The pouches each contained a hat, pin, and plaque commemorating the project, which has been dubbed "Beachport '92."

Harry Doan, a local aviator, presented a wood plaque to the airport. The plaque was described by Assistant Airport Director Cheryl Brennan as a piece of wood with a propeller and a radial engine on it. The piece of wood is from the 1932 groundbreaking ceremony for the original Daytona Beach area airport.

Brennan said the present terminal has been around since the 1950s. The new terminal, expected to be completed in November of 1992, will replace the present one. Airport officials do not know exactly what will be done with the old terminal in 1992, but Brennan said the airport does not plan to demolish it.

The project was initialized with a master plan study by the San Francisco firm Peat, Myrick, and Main. The study, completed in 1988, concluded that the Daytona Beach airport would soon need

see Beachport, page eleven

Campus in brief

Two teams from Embry-Riddle competed at the Society of Automotive Engineers Aeronautical Design competition. One team, including Chris Huff, Rodney Campos, Cary Taylor, Andy Kiner, Lee Riedel and Dan Abel placed sixth overall. They placed first in the design competition.

Embry-Riddle providing aviation and air traffic control expertise, assisting UCF in developing an enhanced training program for air traffic controllers. Involved in the project are Drs. Kornecki and Towhidnejad of ERAU, as well as ERAU graduate student Vincent Galotti.

Embry-Riddle and Nanoptics, Inc., are developing a proton microprobe which will allow users to examine a point 100 times smaller than those currently possible. Dr. Katoof of Embry-Riddle co-invented the microprobe. The microscope is considered a revolutionary improvement for both medical research and computer circuitry development.

Embry-Riddle is offering a course in aircraft composite structures from August 19 to August 23. Dr. Patricia Ryan says "no prior experience in composite structures is necessary." For information, call (904) 239-6186.

The Embry-Riddle Flight Team took fifth place in both overall and Judges' Trophy categories at the National Intercollegiate Flying Association's SAFECON held in Houma, Louisiana. Three students placed in individual events: Steve Brazao, Kevin Sheppard, and Ari Buchanan.



Improving ATC training... Dr. Andrew Kornecki is looking over an advanced ATC training system that Embry-Riddle is helping design.

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Space Technology

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Comics

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The opinions expressed in the Editorials are those of the Editorial Board and do not necessarily represent those of the University, the staff of THE AVION or the members of the student body.



Editorial

Running Embry-Riddle as a business

As a management student here at Embry-Riddle, in the classroom I am being asked to look at things from a "real world" business point of view.



Roland Houle Space Technology Editor

A main concern in any business (especially "non-profit" organizations) is customer satisfaction.

What happens if the students are not satisfied with the university? As many students can attest to - nothing!

When I activated at the beginning of the Spring semester, I was given an extremely long survey to complete with many, many questions about how I felt about different aspects of Embry-Riddle.

I actually sat there for 20 minutes or so and filled the survey out honestly, but now that I look back upon it, I have to ask myself some questions.

to make Embry-Riddle the least little bit interested in the opinions of its students? Most importantly, I ask myself what did the survey accomplish?

I have not heard anything about the results of the survey. I have not seen any real changes with this university. All this makes me wonder if I will become apathetic also.

Another problem is inefficiency. In the "real world" if a business is inefficient, it will eventually fall by the wayside.

Does or can Embry-Riddle hire a consultant to point out and get rid of these inefficiencies?

I could go into many other facets of business such as employee satisfaction, marketing, and employee-customer relations that all affect Embry-Riddle greatly.

If you are a student, please do not be apathetic. Try to fix the problems that exist rather than just complain about them.

If you are an employee of Embry-Riddle, please do not be condescending to the students.



Students effect change at Morrison's

The system does work. Those of you who have eaten at Morrison's very recently have probably noticed an overall increase in the quality of food as compared to earlier this summer.

Morrison's last food service meeting, held in the Landing Strip, targeted an improvement in quality and variety at the Food Court.

Morrison's and their customers. If you have a problem, then bring it to the attention of one of the managers.

One of the other things discussed is the lack of variety on weekends. They said that sometimes during the summer they only get 20 or so students during the evening meal.



Guest Editorial Martin X. Lynch SGA Representative

Sunday. Morrison's has told the SGA's Food Service Committee that if you really don't want anything that is on the line and just want something like a peanut butter and jelly sandwich, just ask for it.

Another thing that you as a student can do is to attend one of Morrison's food service meetings.

The SGA was one of the organizations that helped to bring Morrison's to Embry-Riddle in the first place.

Letters to the Editor

To the Editor: The soil stockpiles around the campus have caused some anxiety and concern. The excess soil was generated as a result of the sloping of the softball field and the volleyball court area.

or not the return on the investment is such that the project should be continued. I will certainly attempt to keep you informed of progress as decisions are made.

We are quite limited on the campus as to where we may stockpile things of this nature. We have attempted to locate the stockpiles of soil in areas that would not block the view of drivers or cause safety hazards.

Charles D. Pountain Director, Business and Physical Plant

Student Forum

The Avion Asks: How do you think the closing of Eagle Flight Center will effect ERAU students?



Tiffany Styles Aero. Eng.

"The flight options of the students with limited resources will be severely diminished."



Paul Engel Air Sci.

"It will hurt the students who are looking for a cheaper alternative to Riddle flight training."



Charles Lanter Air Sci.

"It will only affect the people who tried to pull a fast one on Riddle."



Mitch Haggard Air Sci.

"A lot of people will lose a lot of money. The Riddle drop-outs will have limited alternatives."



Andrew Schmit Air Sci.

"They just got robbed like everyone else at Riddle."



Fred Jones Air Sci.

"It won't have any effect at all."

UF campus jolted again by senseless slayings

Gainesville, Fla. (AP) - Authorities said late Saturday that they were prepared to arrest a man in the slayings of two University of Florida students that renewed fear in a community still edgy over a series of student killings last summer.

"An arrest is imminent," Lt. Spencer Mann, a spokesman for the Alachua County Sheriff's Office, said late Saturday night. He scheduled for 2 a.m. to announce more details.

The Gainesville Sun learned early Sunday that authorities had detained a carpet cleaner from Newberry, a small town about 10 miles west of Gainesville.

Deputies did not have an arrest warrant this morning but planned to charge him with probable cause, The Sun reported. The suspect's name was not immediately available.

Earlier Saturday evening, deputies took the man into custody and were questioning him at headquarters. The carpet cleaner had entered the victims' apartment on Thursday, the same day the young women were killed, sources told The Sun.

Authorities previously said the latest slayings were unrelated to the bloody serial kill-

ings of five students last August. But they nevertheless raised new fears in the college town.

"It's frightening. It's real frightening," Layne Northsea, a sophomore pre-veterinary student from Dunnellon, said Saturday. "I was up until 6:30 this morning. I waited until it was light to feel safe."

The bodies of Eleanor Anne Grace, 20, of Fort Myers, and Carla Marie McKishnie, 22, of Brandon, were discovered Friday morning upstairs in the Casablanca condominium that they shared.

Earlier Saturday, Mann noted that there no apparent connection between the latest slayings and the killings of five students last August.

"The condition of the victims' bodies were certainly a lot different than what we had in the serial homicides," said Mann. "Also, the crime scene itself, the apartment, certainly does not have the same aura that the other apartments had."

But Mann added, "We can't promise there is not going to be another victim."

The Medical Examiner's Office determined the victims were strangled and there

was no evidence of sexual assault. The bodies, Mann said, were clad in street clothes. The killings, he said, occurred between 7 a.m. Wednesday and 7 a.m. Thursday.

There was no evidence of a robbery or a burglary, he said.

When questioned about a bloodstain on a sheet covering one of the victims removed from the apartment Friday, Mann said bodies sometimes release fluids during death. But he refused to say if the victims had any other wounds.

The latest deaths follow five unsolved student killings that occurred last August when a serial killer or killers entered three apartments, stabbing and mutilating the victims.

"Everybody is kind of in shock," said Tom Hall, a senior majoring in architecture from Orlando. "They say it's not related to the other murders but to me that makes it worse. That means there's another killer out there," he said.

Last year's murders occurred over a three-day period as fall classes were beginning, and students Saturday were waiting to see if the latest killings are repeated.

"I just hope it doesn't continue. I hope it is all over. I have the same feelings I had last fall," said 21-year-old Jennifer Ziebeck, a senior majoring in speech pathology from Palm Harbor.

Many students went home for the weekend after learning of the killings Friday, while others said they didn't know enough about the details to feel safe. Others had slumber parties with friends, trusting in the safety of numbers.

Tim Allison, a third-year medical school student, said his fiancée lives in the Casablanca apartments, where the latest slayings occurred.

"It sounds like it isn't related and that's good," said Allison, 24, from Boca Raton.

Some students were trying not to panic after the latest murders.

"I don't want to get all crazy with fear like I did last time. It wasn't a good feeling," said Michelle Schwartz, 22, a junior history major from Ft. Lauderdale.

The bodies were found by Ms. Grace's boyfriend, Jason Waggoner of Fort Myers. When he couldn't reach his girlfriend, he called Bill Grace, her father, a prominent Fort

Myers attorney, and received permission to break in. He broke a window and discovered the bodies.

"He is not a suspect in this case, nor is anyone else," Mann said.

Waggoner, who dated Ms. Grace in high school, remained close friends at UF. Waggoner's father, Hal, said his son was really shook up about finding the bodies.

"There's some sick people in this world," Waggoner told his father.

A former roommate of the two victims, Aimee Jones, who moved out recently after graduation is working with police to help them determine whether anything is missing from the apartment and some of their associations.

Her mother, Glenda Younger, said her daughter was shocked by the killings.

"They were very close, the three of them. I can't even imagine why anybody would do this," Ms. Younger said.

The murder scene was about a mile from the apartment where two of last summer's victims were killed, and occurred in a different section of the same complex where UF student Tiffany Sessions lived. She disappeared while jogging in 1989 and was never found despite an intensive search.

The latest deaths follow five unsolved student killings that occurred last August ...

Many students went home for the weekend after learning of the killings Friday...

Parade held to honor those who served in Desert Storm

Washington (AP) - Constitution Avenue filled with the squeak of tank tracks and the crack of soldiers' time step during the National Victory Celebration Saturday.

It was touted as the largest parade since World War II with the largest display of fireworks as sidekick. U.S. Park police estimated that 200,000 patriotic Americans cheered and put the wind to thousands of flags as their troops marched by.

The parade was the high point of daylong festivities to welcome home the troops who liberated Kuwait from Iraqi troops.

Fearing traffic tie-ups due to street closings and an onslaught of motorists, many suburban District of Columbia residents took Metrorail to any of several Metro stations along the parade route.

Trains were standing-room-only as soon as Metro stations opened at 8 a.m., said Metro spokeswoman Beverly Silverberg.

"We had to leave some people waiting on platforms," Silverberg said. "But people understand they're much better off than sitting bumper-to-bumper in traffic."

Despite an announced 85-cent fare, all Metro riders dropped \$1 in a bucket for a one-way fare and 85 cents on stars-and-

stripes-decorated buses.

Once parade-hungry viewers arrived, they were treated to 1.5 million hot dogs at about \$2 a piece.

"That's all-American," said Jan Van Hoesen, the State Department Guest Services manager.

In addition to the winners, govern-

ment-contracted vendors sold cola, chips and pizza. Sorry, no apple pie.

A specialty beverage called the "Combat Cooler," comprised of cola and lemon-lime, was specially designed to douse thirsts in a pleasant 81-degree afternoon.

Commanding General H. Norman Schwarzkopf led more than 10,000 troops from every branch of the military and Coast Guard up Constitution Ave. after President Bush helped place Desert Storm campaign ribbons on defending forces' flags.

About 106 military aircraft thundered overhead in order of their appearance in the Gulf War, timed to a special patriotic narration read by a military general. The F117 radar-evading Stealth fighter lead the pack much to the delight of flag-waving Washingtonians.

An unspecified number of district police lined the parade route at arms length and several stuck small U.S. flags in their belts. More than 17 per-

sons were arrested for vending and other unspecified violations, District and U.S. Park Police said.

All told, 12 military bands drummed up Constitution Ave., 31 rolling pieces of military equipment, two grounded jets and one float saluted the troops as well.

And what would a celebration in the nation's capital be without a dazzling display of fireworks? Military planners touted Saturday night's display of sparks and rockets as the largest fireworks display ever to be held here.

The parade route was blanketed with red, white and blue colors given away along the parade route. The creative-minded mounted them on hats, suits, wheelchairs, baby carriages, flagpoles, city buses, French braids, antennae or just the usual hand-held version.

Others splurged for larger versions. Robert Johnson, of Manassas, Va., sat on the corner of 17th and F Sts., trying to sell his version of the nation's colors for \$3 - \$2 of which goes to a Vietnam veterans' foundation.

"It kind of sucks that I'm stuck up here selling flags," Johnson said. "I'm down here to support the troops, but it's what I've got to do."

Pilot Michael P. Fallon of Corning, N.Y., stood by to watch the parade after taking a break from his H-46 Sea Knight helicopter positioned for the curious on the grassy strip between the U.S. Capitol and the Washington Monument.

"I'm going to watch the parade and then I'll have to stand by the aircraft

and answer a lot of questions," said the Desert Storm veteran.

Fallon said he was eager to attend the soldiers-only USO show, scheduled after the parade.

When it was all over, the once sparkling sky returned to darkness and the excitement steadied to a hum - and likely to be remembered for decades - all headed back to Metrorail.

The rush of thousands of tired speculators heading into the city's subways had Metro officials worried, Silverberg said.

"Hundreds of thousands of people are going to want to leave at the same time," Silverberg said. "The Metro system can't handle that kind of load at once and people are going to have to have some patience."

But consider this: the war, among this country's shortest, was over in 42 days. That's more time than that has been spent in planning for Saturday's victory celebration.

About 106 military aircraft thundered overhead in order of their appearance in the Gulf War...

A specialty beverage called the "Combat Cooler," comprised of cola and lemon-lime, was specially designed to douse thirsts...

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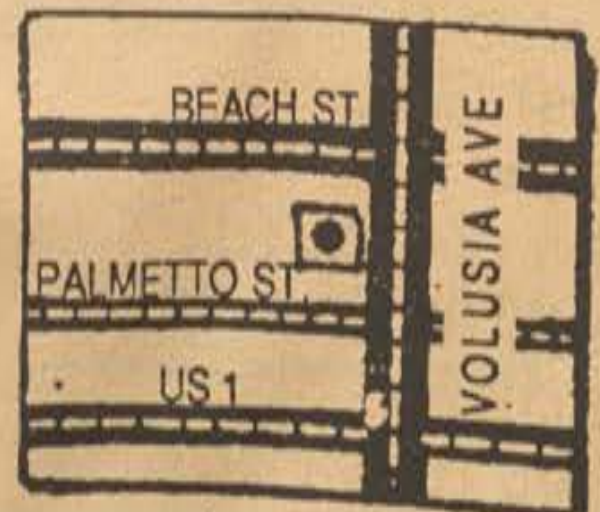
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SGA holds Open Forum for the student body

by Malissa Wolfe
Campus News Editor

Vince Stefano president of the Student Government Association held the required open forum in the university center on June third. The purpose of the forum was to bring out the students questions about the school and the SGA.

Some of the major questions the students asked where about the new engineering building, radio station, SGA, and the career center.

One student question the priority of the all denominational chapel being built before the engineering building. The basis for the chapel being built first is the funds did not come from the University, the majority came from donations. The school can not take money people gave for one project and move it toward another.

The radio station was a big question. Stefano asked if the student would be willing to pay a higher SGA fee to support the radio station and all were willing.

Some students wanted to know more about the SGA and what it does. "The only things you hear are negative" was the comment by one student. Stefano wished that more students would come out and let the SGA know what problems there are.

As far as the career center goes, questions ranged from why isn't the career center more visible to student to getting stronger backing for the interns along with more credibility. One question that was raised by a student was why can't we get a co-op with American Airlines similar to the one we have with United Airlines. Due to the early history the school has with American a co-op should be possible.

Another co-op question that can up was why can't we try to get smaller co-ops with different fixed base operator that fly King Airs or another type of aircraft.

The general question that were brought by dealt with offering different type ratings, a combined class project with a part for each major and the always present parking problem.

Vince Stefano would like to thank all the students who asked questions and would also like to say that every question will be followed up. An answer will be sent to the students who asked the questions along with a statement of action if any that will be taken. Stefano feels that the "SGA has to work both ways" meaning that the students along with the administration must understand each other.

United and ERAU unite with special program

by Malissa Wolfe
Campus News Editor

United Airlines has developed a special program for selected graduating students entitled Flight Officer Candidate program. "Normally a student would graduate and spend perhaps five or six years working as a flight instructor or at a commuter airline before working up to a position at a major airline such as United, one of the nation's largest air carriers," President Kenneth L. Tallman stated.

Several students from both Prescott and Daytona will enter the Flight Officer Candidate Program after meeting entrance requirements and graduating from Embry-Riddle. Following acceptance to the program, the students will flight instruct for Embry-Riddle for approximately one year then moving to a flight position with the air carrier.

The program will be highly competitive with students being in the top third of their class and a minimum

cumulative grade point average of 3.0. For final consideration after the one year flight instruction, student must meet United's minimum hiring criteria in effect at that time. The airline will provide transportation for the candidates chosen for the final selection process.

John Phipps, associate department chair of Embry-Riddle's Flight Department noted that students receive a significantly greater exposure to instrument operations and crew coordination skills through the cockpit management skills course and exposure to advanced training devices. With the planned retirement of many of the industry's pilots coming in the future, Phipps anticipates that all of the students selected will quickly move up in the ranks of the airline.

United will also review Embry-Riddle's educational programs and provide recommendation for enhan-



Up and away... Students who qualify for the new UAL/ERAU program will soon be in a cockpit.

cements along with providing additional equipment to enhance the program, such as flight simulators and training devices.

New club in works for Embry-Riddle's soaring lovers

by Malissa Wolfe
Campus News Editor

A new organization is in the works for Embry Riddle. John Rollins, a Humanities/Social Sciences Lecturer, and two students are planning to revive the Soaring Club. There has been a "Glider" club at various times in the past but none recently. Now, with two sailplane operators within the Volusia area, preliminary steps are being taken to launch the new "Soaring" club.

Students Aaron Williams and Drew Pierce contacted Mr. Rollins for help in organizing the new

club and to serve as Faculty Advisor. Aaron is currently taking soaring lessons and Drew is a sailplane flight instructor. The group has already received start-up advice from the Soaring Society of America and the Collegiate Soaring Association. United States Air Force Academy, Princeton University, and Penn State are also being contacted for assistance because of their reputations of operating successful Soaring clubs.

A challenge facing all soaring organizations is to plan and coordinate for certified sailplane instructors, rated towplane pilots, towplanes, sailplanes

and trainees to meet at a conveniently located airfield suitable for soaring operations.

Fortunately, Citrus Soaring in Deland and Precision Soaring in Edgewater are working cooperatively with the organizing group to provide these requirements. One goal of the club is to get every member into the cockpit and flying as soon as possible. Both existing operators are open during the weekends and will provide soaring instruction for the club members. Membership in the new Soaring Club, is open for ERAU students.

See Soaring, page eleven

Eagle Survey

EAGLE FLIGHT CENTER'S CLOSING- IT'S IMPACT ON EMBRY-RIDDLE STUDENTS/EMPLOYEES

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* If you would please leave your name, student number and phone number below, the Avion and Dean of Students Bob Rockett would appreciate it to further validate this survey's results.

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Specialty Press gives detailed information on Soviet and Stealth aircraft

by John McDermott
Aeronautica Editor

Specialty Press, book publishers and wholesalers have recently released three new books featuring aircraft used in the recent Gulf War. The first book is "Overview of OKB MiG: A History of the Design Bureau and its Aircraft" by Piotr Butowski and Jay Miller. As a result of glasnost and perestroika a new area of aviation history has become available to the west. For the first time in any English language book, a detailed history of the Soviet aircraft design bureau founded by Artyom Mikoyan and Mikhail Gurevich has been released describing the biographies of its founders, and most importantly describing every known MiG aircraft from the original Mikoyan to the latest MiG-29 derivatives and the advanced MiG-31.

The book is divided into eight major chapters and nine appendices covering the history and development of the company and its aircraft. The appendices provide detailed information on the use of MiG aircraft in combat, armament, powerplants, and Communist Bloc variants. The photo selection for this book is the most comprehensive collection of MiG images ever assembled for a book. Many of the photos have never been seen in print. I personally enjoyed reading this book, and it will make an excellent reference addition on the MiG aircraft to any aviation library. I look for-

ward to the future releases on the histories of Tupolev, and Sukhoi design bureaus.

The second book received from Specialty Press is an Aerofax Extra by Jay Miller on the F-117 Stealth Fighter. This is an updated version of the sold out 1990 edition, and covers the use of the F-117 in Desert Storm. This new edition includes extra color pages, and the first published cockpit photograph. The most interesting part of the book that I found was the clear explanation of Stealth technology and radar systems. The book contains over 100 detailed photos, with aerial shots of the plane in flight.

The third book is also an Aerofax Extra by Jay Miller and covers the MiG-29 Fulcrum. This book covers the full history of the aircraft with an authoritative text and an excellent selection of photographs taken specifically for this book. Cockpit photos of the MiG-29 and the rarely seen two seat MiG-29UB are included. Also covered is the newest MiG-29 version, the Fulcrum C, nicknamed Fatback.

All above books are available from Specialty Press, 123 North Second Street, Stillwater, Minnesota 55082 or 1-800-888-9653. OKB MiG cost is \$39.95, and both Aerofax books are \$9.95 each. There is a \$3.95 charge for shipping per order, with a full refund or exchange available if you are not happy with your order for any reason.



In depth coverage...
Three new titles by Specialty Press offer detailed information and never before printed photographs of MiG aircraft and the F-117 Stealth fighter and its use in the Gulf War.



To the museum...

Above are two view of the F-106 Delta Dart that NASA flew since 1979 in storms and survived over 700 direct lightning strikes.

NASA retires F-106 #816 research airplane

by John McDermott
Aeronautica Editor

NASA recently retired a historic aircraft at the Langley Research Center, Hampton, Va. The aircraft, NASA 816 is an F-106 Delta Dart and was transferred to the Virginia Air and Space Center in Hampton, Va. NASA 816 was manufactured in 1957 and was delivered to NASA from the Air Force in 1979.

In its service life, NASA 816 was flown in support of research and development testing for the U.S. Air Force, research in support of the U.S. supersonic transport program of the

1970's at the NASA Lewis Research Center, and research in storm hazards and vortex flap programs at NASA Langley.

During the six years it flew in support of the NASA Storm Hazards Project, 816 recorded more than 700 direct lightning strikes. It was

816 recorded more than 700 direct lightning strikes.

purposefully flown into thunderstorms in hopes of being struck by lightning to gather data on the fundamental characteristics of airborne lightning.

In the Vortex Flap Program, a special flap system was fitted to the aircraft to form a tornado like swirl of air over the wing that

reduces drag making the wing more efficient. The simple device promises increased maneuverability for fighter type airplanes or fuel savings for any high speed civil transport.

The F-106 design has special significance to Langley. Dr. Richard Whitcomb, a former aerospace engineer was instrumental in reshaping the aircraft that would eventually become the F-106, resulting in a revolutionary advance in aircraft design that made supersonic speeds at level flight much easier.

An F-106 set the world speed record of 1,525 mph in 1959 and still holds the record as the fastest single engine turbojet powered airplane.

AOPA to offer scholarship to E-RAU students

Frances L. Cozza
Aeronautica Writer

A scholarship has been established from AOPA to be received by Embry-Riddle Aeronautical University. The scholarship has been named after John Baker, a President of AOPA for fourteen years who has retired and is currently serving on the AOPA Board of Trustees.

"John Baker has been a tireless advocate for general aviation, and it is only fitting that a scholarship named for him be established at one of the country's most prestigious universities," said Phil Boyer, AOPA president. Boyer said that the scholarship was established shortly after Baker's retirement last year with a \$1,000 donation by AOPA's 11

regional representatives. It is hoped that through increased contributions the scholarship will become endowed. "Embry-Riddle is proud to be the recipient of this scholarship and will take every care to ensure that the funds are put to good use," said Kenneth Tallman, President of Embry-Riddle Aeronautical University. "John Baker, through his staunch defense of general aviation, has been an inspiration to the many students who have attended our university."

Persons wishing to contribute to the John L. Baker Scholarship can contact Tom Vogel, Director, Major Gifts of Embry-Riddle University, at (904) 239-6164, or write to him at University Relations, Embry-Riddle University, Daytona Beach, Florida 32114.

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Pegasus to fly later this month

by Brian D. Marchesseault
Space Technology Writer

On April 5, 1990 a unique launch vehicle was sent on its maiden flight from a B-52. That same booster, Pegasus, is scheduled to make its second delivery into space from NASA's Dryden Flight Research facility on June 20.

The major aspect which makes Pegasus such an extraordinary launch vehicle is the fact that it is not launched from a launch pad, but rather from beneath the wing of an in-flight aircraft. Pegasus' smaller size (only 49 feet long and 50 inches wide) and built on wings give it the ability to be mounted and launched in this configuration.

As soon as Pegasus is released from the B-52, its wings provide the necessary lift and acceleration for it to reach a suborbital altitude. Once this altitude is achieved, the booster's rocket stages deliver the thrust needed to place the payload into orbit.

Pegasus was developed by Orbital Sciences Corporation of Fairfax, Virginia in cooperation with the Defense Advanced Research Projects Agency (DARPA). The objective in its development was to serve as part of DARPA's advanced space technology program as well as to provide a

new, cheaper possibility for commercial launch services.

On its first launch, Pegasus was successfully released at 43,000 feet as its mother-ship B-52 flew off the coast of California. Nine minutes into flight Pegasus deployed its payload of a small multi-function satellite called PEGSAT. PEGSAT contained a Navy communication device, a Pegasus flight monitor and an atmospheric experiment.

Pegasus flight two will carry MICROSAT (several small DARPA communications satellites) into orbit at a 389 nautical mile altitude. MICROSAT will be boosted to its set deployment altitude by a quasi-fourth stage "Precision Injection Kit," which was not used on the first flight of Pegasus.

Pegasus is already scheduled for four more launches based from Dryden after flight two. Plans call for flight three to be executed in mid-September. Each launch will have the support of a NASA B-52.

Integrated systems tests have already been performed. Only a prelaunch test flight of the B-52 is left before the go-ahead for the actual launch will be given. If all continues as scheduled, June 20 will see the historic second flight of a winged metal horse named Pegasus.



The winged horse flies...

A Pegasus launch vehicle will be dropped from a B-52 and launched into orbit for the second time in history later this month. The vehicle will be carrying several small communications satellites onboard.

Space news...



Congress saves NASA Space Station Freedom

After over six hours of debate, Congress has approved \$1.9 billion for the Space Station Freedom. The station was in jeopardy of being cut for other programs, such as the homeless, drugs and education. The money that was approved was instead shaved off various other NASA projects. The station is seen as the future of America's space program.

Prospector fails to launch again last Sunday

The launch of Prospector from Cape Canaveral Air Force Station was scrubbed again last Sunday. Scientists are still trying to determine what part of the system failed. Prospector is a commercial suborbital rocket carrying 10 materials and biotechnology experiments. The project is a cooperative effort between several major universities and corporations, including the University of Alabama and Orbital Sciences Corp.

Magellan spacecraft continues its mission at Venus

The Magellan spacecraft began a new series of radar mapping of the Venutian surface last week. The craft switched from left to right handed mapping of the extreme southern area of Venus. Magellan has completed nearly 2,000 orbits since mapping began last September 15. Because of the high thermal environment caused by Venus, the Earth and the sun, there will be only nine minutes of mapping per orbit with the new orbit and mapping process.

NASA scientists discover metal asteroid near Earth

A team of NASA radar astronomers in Puerto Rico have indentified a near Earth metal asteroid for the first time. The asteroid orbits the sun between Earth and Jupiter every 4.7 years. Although this 1.6 mile lump of iron, nickel and other metals was first observed in 1986, scientists needed almost 5 years to analyze the data and conclude that it was metal.

Space Station water recycling taste tests scheduled

This month tests will be conducted at Marshall Space Flight Center on the water recycling equipment to be used on the Space Station Freedom. NASA and contractor volunteers will test the water after it has been processed by the equipment. In space this equipment will reclaim 200 pounds of water the 4 member Freedom crew will use each day in orbit.

Commercial Delta II has successful launch

by Roland Houle
Space Technology Editor

After a half hour delay due to a camera failure at the pad, a Delta II rocket lifted off from Complex 17 at the Eastern Space and Missile Center at Cape Canaveral, AFS on May 29, 1991.

The 10th commercial launch of the Delta and 205th overall carried the Aurora II/SATCOM C-5 telecommunications satellite into geosynchronous transfer orbit. The satellite is jointly owned by GE Americom and Alascom, Inc., Alaska's long distance carrier.

GE Americom will use the Aurora II/SATCOM C-5 to provide digital audio transmission service and single channel per carrier services to major radio networks nationwide such as ABC, CBS, Dow Jones, Westwood One and IDB.

Services will also be provided to NASA, the National Oceanographic and Atmospheric Administration and the Department of Defense.

The satellite will provide telephone, data, broadcast, maritime, and emergency communications to its customers.

Developed and built by GE Astro-Space Division, the Aurora II/SATCOM C-5 is designed to provide a 12-year service

life with 24 C-Band transponders each offering a minimum of 11 watts output power.

The satellite weighs 2,950 pounds at launch and measures almost 10 feet high. When fully deployed its main body measures 40 inches by 56 inches by 64 inches.

The satellite separated flawlessly from the 126 foot tall Delta 7925 rocket approximately 30 minutes after liftoff at an altitude of 19,323 nautical miles.

From there, a McDonnell Douglas Payload Assist Module (PAM) is used to boost the satellite to its useful orbit of 22,300 nautical miles above the earth. The PAM is also used as a booster for satellites launched from the space shuttle.

Aurora II/SATCOM is the fourth satellite launched by a McDonnell Douglas Delta this year. Future commercial launches include Palapa B-4, set for June of 1992; SATCOM C-3, set for the end of 1992; and NATO IVB, scheduled for 1993.

In the past 14 years, Delta rockets have maintained a 98.6 percent success record. Over the past five years, Delta has had 27 consecutive successful launches.



We have liftoff...

McDonnell Douglas Delta II rocket lifted its 10th commercial satellite into orbit on May 29 carrying a telecommunications satellite. The launch was the fourth launch this year and the 205th launch in Delta history.



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WORLD Entertainment WAR quotes TV

by Ron Roberts
Photography Editor

In today's world, where war is entertainment, there is a band that takes entertainment over the edge. WORLD Entertainment WAR is a band without musical classification. Even such terms like alternative and progressive, which are now coming to mean popular, don't even come close. WEW calls their music tribal metal folk music, Jungian beatnik funk and macho feminist love pop. They expect to be something like Jefferson Airplane jamming with the Red Hot Chili Peppers on Talking Heads songs. Their first album, a self-

titled release, pokes fun at all of the modern religions, politics and entertainment.

The album opens with the invitation to "Relax," and then proceeds to bombard the listener with overdoses of entertainment.

WORLD Entertainment WAR is not only a band. Lead vocalist Rob Brezany is also an accomplished author and a syndicated astrological columnist. Co-vocalist Darby Gould is the daughter of a minor-

star with a degree in music from the University of California.

Former Camper Van Beethoven drummer Anthony Guess has been playing and touring since age 13. Bassist Daniel Lewis, Guitarist George Earth, and Keyboardist Amy Excolere are all excellent musicians but

without fame and notoriety.

Following the band's original slogan, "We've got too much entertainment for you...because you're just too much!" WEW has put out 14 tracks with enough TV quotes and political propaganda to satisfy the toughest TV junkie. The album opens with the invitation to "Relax," and then proceeds to bombard the listener

with overdoses of entertainment. Songs like "Apathy And Ignorance" claim that, "new cars are religion and beer is emotion," just like TV!

"Proud Americans," idolizes the Marlboro Man as the true American that we should try to be like. Just what the advertisers have been trying to say

all these years. "Telepathies Anonymous," is 42 seconds (sound familiar?) of TV add slogans put together in one long advertisement.

None of the songs on WEW have the same sound. There is no continuity at all. Be prepared to be lulled into a vegetative state and then be jarred back into TV reality, what a concept. This is all done with a rhythm and beat

None of the songs on WEW have the same sound. There is no continuity at all.

never before heard but annoyingly familiar. WORLD Entertainment WAR manages to combine almost pop melodies with rap-like lyrics and Heavy Metal riffs with love song tenderness. All this and neo-political activism creates an album that makes the listener think and dance at the same time.



Over the edge...
WORLD Entertainment WAR invites listeners to relax.



So what Bob...
Stale comedy and endless dialogue slows the slapstick in *What about Bob?*

Bob bored at box office

by Jason Simon
Diversions Editor
and Martin Kammernan
Opinions Editor

They have raved about it on the television and the radio. The new movie *What About Bob?* is supposed to be one of the funniest movies of the summer season. However, there are some opposing viewpoints.

What About Bob? revolves around the life of Bob Wiley, played by Bill Murray. Bob is a completely neurotic xenophobe. Bob seems like and acts similar to a normal person in his apartment, but seconds after stepping out into the real world he becomes paranoid of his surroundings. Bob is afraid of catching diseases from common use objects, so he carries around an endless supply of facial tissue which he uses to open doors and even shake hands. Bob also has an insane fear of elevators; he screams at the top of his lungs the second the door closes on him.

The movie also stars Richard Dreyfuss, who plays Doctor Leo Marvin. Dr. Marvin is a highly successful Psychologist who has just written a new self-help book. Bob has just been referred to Dr. Marvin by one of his colleagues who has decided to quit his practice. Bob shows up at Dr. Marvin's office for a preliminary interview where Dr. Marvin explains to Bob that he is planning to go on vacation and cannot see him for another month. Bob tries to take it in stride but soon finds out that he needs to see Dr. Marvin again.

At this point the movie starts to pick up speed. Bob fakes his own suicide and poses as a N.Y.P.D. officer to get the location of Dr. Marvin's summer home. After taking a

long bus trip, where Bob drives the passengers insane, Bob finally arrives at Dr. Marvin's home.

Bob basically moves in with the Marvins. He charms the entire family and they seem to like him more than they like Leo Marvin. Bob helps their son Sigmund overcome his fear of diving and eliminates his fear of death. He charms his wife and even saves Dr. Marvin's life when he was choking on a piece of chicken. But the funniest scene is when Dr. Marvin is about to be interviewed by *Good Morning America*. Bob steals the show as a recovering patient and Dr. Marvin is left in the background.

The funniest scene is when Dr. Marvin is about to be interviewed by Good Morning America. Bob steals the show as a recovering mental patient...

As far as the laughs in this comedy go, they are unfortunately few and far between. The so called smash comedy of the season drags in the beginning and does catch a second wind near the middle of the movie, but it was nothing like I would have expected. Some of the so-called funny lines were older than the Saturn Five rocket booster; like the poem "Roses are red, Violets are blue, I'm a schizophrenic and so am I." This is supposed to be new funny material? Even the role reversal at the end, where Bob becomes the psychologist and Dr. Marvin becomes the mental patient, was not that funny at all. Touchstone pictures could have done a much better job with this picture and I think that they did not exploit the incredible talents of Bill Murray to the utmost limit.

Overall, *What About Bob?* is not the gut splitting comedy it is portrayed to be on the television. The lukewarm performance given by the stars is only good for a few laughs. If you really want to see this movie, wait until it comes to the dollar cinema!

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Calvin and Hobbes

by Bill Waterson

CALVIN, ARE YOU GOING TO TAKE THAT STUFFED TIGER TO SCHOOL AGAIN?
SURE.

DON'T THE KIDS MAKE FUN OF YOU?
TOMMY CHESSNUT DID ONCE, AND NON NOBODY DOES.

WHY, WHAT HAPPENED TO TOMMY CHESSNUT?
HOBBS ATE HIM!

UGH! HE NEEDED A BATH, TOO...

CALVIN! WHAT'S ALL THIS NOISE? YOU'RE SUPPOSED TO BE ASLEEP!
MONSTERS UNDER THE BED, DAD! I WAS WRESTLING ONE WITH MY BASEBALL BAT!

GOODNESS, CALVIN, IT'S JUST YOUR STUFFED TIGER! YOU SHOULD PUT AWAY YOUR TOYS!
SORRY, OL' BUDDY, GOOD THING I MISSED OCCASIONALLY, UH?
YEAH, LET ME SEE YOUR BAT A MINUTE.

HERE COMES THE SPORTS CAR AT 200 MILES PER HOUR!
HERE COMES A CEMENT TRUCK! LOOK OUT!
AND HERE COMES AN INFLAMMABLE CHEMICAL TRUCK! OH NO!!
THIS OUGHT TO BE GOOD.

DIG DIG
PRT PRT

CALVIN! WHAT ARE YOU DOING TO OUR YARD??
MAKING SPEED BUMPS.

I WONDER WHERE WE GO WHEN WE DIE.
PITTSBURGH?
YOU MEAN IF WE'RE GOOD OR IF WE'RE BAD?

WE'RE LOST AGAIN.
HA! WE'RE BRAVE EXPLORERS!
THE WORD "LOST" ISN'T EVEN IN OUR VOCABULARY!
HOW ABOUT THE WORD "MOMMY"?
MOMMMYYY!!

Far Side

by Gary Larson

However, there was no question that, on the south side of the river, the land was ruled by the awesome Tyrannosaurus Mex.

"Well, we're lost. I knew from the start that it was just plain idiotic to choose a leader based simply on the size of his or her respective pith helmet. Sorry, Cromwell."

"Don't be 'fraid, Dug. Me teach him sit on finger... Closer, Dug, closer."

"I can't handle it anymore, Ed... The kids are everywhere in the kitchen—running on the floor, across the counter, behind the fridge under the stove... In a moment, I'm just going to start smushing them myself."

Wiener dog distribution centers

Saturday mornings in cockroach households

Me know Grimy, inventor of wheel, and Thag, maker of fire.
None -doozer!

Mister Boffo

by Joe Martin

THE CREATOR EXPLAINING THE MYSTERY OF THE UNIVERSE.
NONE... CASE TO TRY AGAIN.

I CAN HANDLE EVERYTHING BUT THE CONSTANT DRONE OF THESE SMOKE-ALARMS.

STOCK BROKERS UNLEASH ON THE CONCEPT.
SELL! SELL!

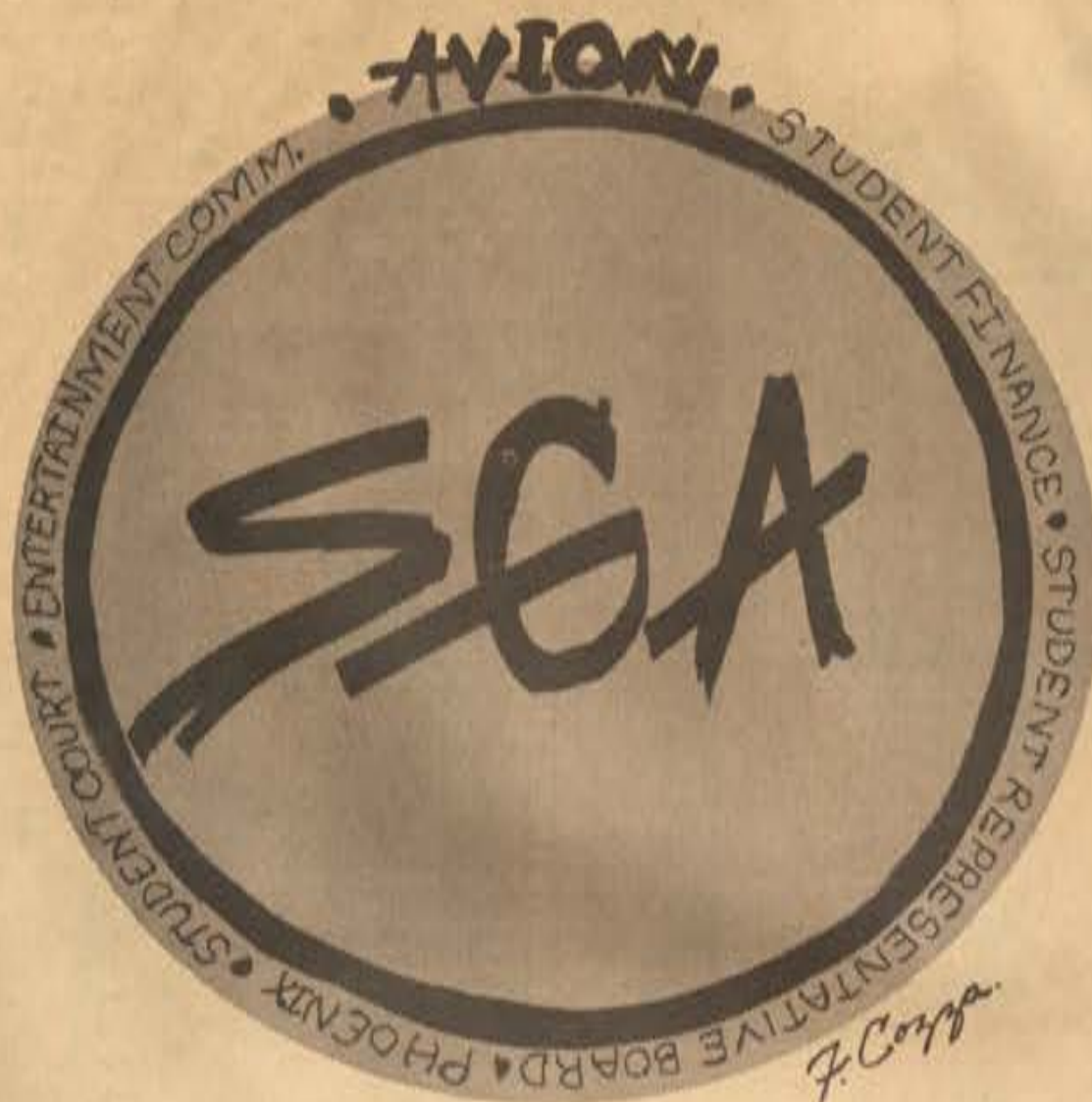
Mother Goose and Grimm

by Mike Peters

GRIMM!
WHY DO YOU ALWAYS TRACK MUD ACROSS MY CLEAN FLOOR?
BECAUSE IT'S REALLY HARD TO WALK ON THE CEILING.

WHIP CREAM
MAY I HAVE A BITE?
EEEGH...
RABID DOG!
LIFE IS GOOD.

HEY ATTILA, LISTEN HOW FUNNY MY VOICE SOUNDS WHEN I BREATHE HELIUM...
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Something For Everybody Under 1 Roof



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640 N. Grandview
Daytona Beach, FL

→ Cycles for sale

1988 NINJA 750R Only 6K Miles. Not a scratch! Asking \$3950 OBO.

→ Roommates

Partially furnished room for rent in a 4 bed, 2 bath house: \$200 month + 1/4 utilities Call 760-1630

Apartment for Rent, available July 1. Take over payments of \$385 month plus \$200 deposit. Directly on river next to pier, at the Water club Apts. Call 253-3368. Leave name and message before 6 p.m. or call after.

→ Misc. for sale

Sony 13" Remote, color TV at \$180 OBO.

Furniture for sale! Matching set: dresser and nightstand for the low price of \$50. Call Carol 322-0214 for details.

Furniture For Sale Solid, excellent quality coffee table, \$35 Call Carol 322-0214.

Waterbed for sale Excellent condition queen size \$125 Call Carol 322-0214 for details.

Avanti large dorm size refrigerator 22-1/2 x 18-5 W Excellent condition \$70 Emerson 13" Color TV 1 yr. old. \$90 Full size bed excellent condition \$50 call 252-6527

Bike for sale! ROSS 10-Speed 1988 \$50 Call Carol 322-0214

For Sale: Solid Oak desk very nice \$50 Call Carol at 322-0214.

For Sale: Glass top dinette set \$125 Queen size waterbed/mini waveless \$250.

For Sale: Full size bed complete \$60 Dresser w/4 drawers \$25
File cabinet w/2 drawers \$15, 2 glass end tables \$10 each.

For Sale: Dresser: new \$50 obo call 760-1630.

For sale: RCA video camera with on board A/V editor 8x1 power zoom lens comes with hardshell carrying case, and rechargeable Nicad battery and power pack \$600 OBO. Call Patrick at 238-3788.

For Sale: 2 desks, 2 couches, color tv, 2 bookshelves, call Frank at 238-7953, leave message.

Must sell fast! Sherwood car stereo amplifier, 30 wa, 4 channels, bridgible output, sub output, used 2 months. \$145 or best offer!! Call Uzi at 258-7290 or 252-2277.

Couch/Loveseat-best offer 258-9680 Ask for Del.

Any students interested in purchasing '91 Senior Class T-Shirts for \$8, please leave your name and phone number in box 2617.

Must Sell Immediately! IBM compatible 12 Mhz 286 computer with high density 3.5 and 5.25 drives, VGA monitor, and 89 Meg hard drive. Comes with tower case and software. Asking for \$1300. Call 239-9843.

AIWA Remote control stereo tape deck, tuner, amp, eq, turn table and speakers. ALL original boxes and manuals. Paid \$1300, Asking \$600.

CLASSIFIED AD POLICY

- Non-commercial classified advertising and personals are free to the student body, faculty and staff of Embry-Riddle with a 35 word limit.
- All other non-commercial advertising is \$10 with a 35 word limit. Each additional word is 10 cents.
- Commercial advertising is available through the Avion advertising department.
- Classified advertising is carried out by filling out a classified ad card in the Avion office.
- Only one classified ad per card. Name and address of advertiser must be included for the ad to run.
- Only paid ads will run for two issues and may be renewed by filling out another classified ad card.
- No classified ads will be accepted over the phone.
- For more information, stop by or call the Avion office at (904) 239-6049.

DON'T DROP THE BALL



For Sale: Twin bed mattress, box spring and frame. \$75 obo. 252-6328 ask for Ron. Will deliver.

Computer for sale Apple II, excellent condition tons of games, great word processors. All manuals included. \$300 Contact Mike box 7131 or phone 788-1314.

Bed for sale: single bed, 1 yr. old like new, \$100, 255-8498.

For Sale: Technics compact disc player and stereo double deck cassette deck. Sold separately or together. 6 months old. Also Portland vcr 1 yr. old. Call Jane for prices 238-5306 or contact box 6903.

Books for sale: graphics (for 101) \$35 Math (MA111) \$30 Chemistry (PS 101) \$44 study guide \$15 Good condition, contact box 1367 or call 2379-6540.

→ Miscellaneous

Sailplane Instruction and Intro rides. Contact Drew 239-9565 or Box 3394.

Twin Time! Beechcrafts/Duchess. \$125 per hour-instruction, fuel etc. all included. Earn your multi rating in as little as 6 hours. Conveniently located at DAB airport. Contact John at 251-9607.

Flight Instruction Reasonable Rates Call Tony at 760-0773.

TAXI TO YOUR DOOR from one of several beautiful aviation home sites here in Suwanee county. 1-17 acres, wooded and cleared for your home: you choose for as little as \$2,500 per acre. One has a gorgeous mobile home waiting for someone to move in. Some waterfront sites available. Call CARLA at Carolyn Spillars Realty 1-904-364-2952 or (RES.) 1-904-362-4524.
Flight Instruction: In C-152, C-172, T-210, trainer, warrior, arrow seminoe, Seneca II Cutlass. For private, commercial, instrument, multi-engine CFI, CFII, MII, Very good rates, call 788-1214.

Typing Service \$2.00 per page typed, \$3.00 edited and typed. Resume service available on one to one basis. Contact Todd at Box 8481 or 239-6049.

→ Personals

- Woods provoke action. Numbers provoke... others?
 - If we gauge ability with tests, can we gauge reality with a stopwatch?
 - If having sex is wrong, is hypocrisy natural?
 - If we all went around naked would Madonna still be a star?
 - If things always went right, who would laugh?
- CAPRICE

SUZIE Q.
Please don't worry. Doc said it's not contagious!
LT. CMDR

VICKSTER
Hey babe! Have a great trip back, don't fool with the pilots - you just can't trust those types! Glad you came down... thanks for letting me share the bed with you wild woman! Ouch!
LT. CMDR

MENTALLY ILL SNOWBOARDER
(Your personal war cut, but I saw it.)
If you dance in the rain, would you sing underwater?
If you hate living, will you save your spending money for hell?
If real men don't eat quiche, do homosexuals not eat beef?
CAPRICE
Happy Birthday Peach!!
I don't know what I did to deserve you. I love you very much. Tonight the sky is the limit!
LOVE ALWAYS TIGER
Cavendish and fulfill the summer blues bustlers!

AVION,
Well, it's finished. Very quickly. Now we must face Summer B. I'm gonna get an antenna-less painful.
CAPRICE

PIRG
Did you find your libido yet? Probably not.

IBM clones suck

Safe Environment

This week's safe environment has been ~~filled~~ cancelled to bring you an AVIOTE EXCLUSIVE!
AN INTERVIEW WITH STAFF STRIPPER

CONFIDENTIAL

I'm reporting live from the flight line men's room where I have cornered the anonymous contributor of "SAFE ENVIRONMENT."

ask: Who is that fan international without speaking english?

YOU DICKS! IS NOTHING SACRED!!? QUIT HOUNDING ME YOU MEDIA TERRORISTS!

Mr. Carbonist, do you care to respond to allegations that your work has been irresponsible and abusive?

N NYURGH!!!

AND BAD NETWORK! WHAT ABOUT BAD NETWORK!

This is yet another media martyr reporting that a cartoonist cornered is indeed a dangerous animal...

Eagle

continued from page one

have encountered, the foreigners have also run into a problem with U.S. immigration. Due to a clerical error by Eagle, the students were issued the wrong type of visas. Eagle had filled out the wrong forms and the students were issued the type of visa that only a university can issue. When the mistake was caught, the students had to fill out a change of status form and pull their 194 form out of their passports. This was supposed to be sent with the change of status forms. The 194 form is to be removed from a passport only in the case of a change of status, which was taking place.

The Hoefgens were supposed to mail all of these forms along with \$70 per student. There were about twenty students requiring the change. The Hoefgens never sent the forms, and now the students could potentially be removed from the country for not having their 194 intact.

The closing of Eagle Flight Center has affected many students at Embry-Riddle. The SGA realizes the situation affects many students, including the president of the Student Government Association, Vincent Stefano.

Embry-Riddle's Dean of Students, Bob Rockett, has asked that students who are owed money from Eagle fill out the survey in this week's Campus News section and return it to the Avion office promptly. The survey will be used by the Student Government Association and the University to better comprehend the effect of the situation on ERAU students. It will also allow the University to contact students and to take steps to help them.

Beachport

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a new terminal building.

Dan Zimmerman of Philadelphia managed 25-27 firms in the overall design of the terminal.

After the project is completed, it is hoped that the improved facilities will help attract new industry to the area. New carriers may also come to the area, such as Northwest or United, to fill the new gates.

In addition to the new terminal, runway 16-34 is being lengthened. Afterwards, the main runway will be repaired, during which time 16-34 will be used by air carriers. Runway 16-34 runs north and south, and Brennan mentioned that Embry-Riddle students living south of the airport will notice more aircraft noise from approaching and departing aircraft for a few months.

The terminal project is being paid for partially by state and federal grants, but primarily from bonds.

Soaring

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faculty, staff and their families.

As with all our clubs and organizations, support is needed from the university. It is fortunate for the new club that President Tallman and President-Elect Sliwa have experience with soaring operations. A long term goal of the club is to eventually enter the Collegiate Soaring Association's flight competition.

The organizing group is evaluating interest for the club now. Twenty five to thirty members are needed for official recognition by the Student Government Association. Both the Student Activities Office and the SGA have been helpful in providing guidelines for establishing the new Soaring Club.

Anyone interested in joining are encouraged to contact John Rollins in his office (A-208) at 239-6641/6637 or Arron Williams after 5 pm at 760-5404. The club would appreciate hearing from everyone now so that all organizing requirements are completed in time to begin operation with the start of the Fall semester.

Support Riddle Radio

You can decide

DEMAND IT!!

WERU

Graduating Seniors: August Degree Completion (Sum. A or Sum. B)

We must have a graduation application on file in the Registration and Records Office in order to evaluate you for degree completion and for the purpose of ordering a diploma with your name properly spelled. Also, as most diplomas will be mailed out, we need a correct mailing address. The deadline to apply for August Degree Completion is June 14, 1991. Applications received after that date will be processed after we place our regular summer diploma order and a "follow-up" diploma order will not go out until the end of August.

December '91 Graduation Applications are being accepted at this time. We will try to process as many as possible with a Preliminary Graduation Evaluation before this term is over.
This may be done at the Registration and Records Office located on the second floor of the UC addition.

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TUESDAY

Bloody

TUESDAY

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FREE DRINKS 9 to 12

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Ladies Drink FREE

9-12

**With Drink specials
 for the Guys**

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EVERYONE DRINKS

FREE 9 -11

(Call Brands included)

E.R.A.U. Only \$ 5.00

Cover !

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 WEDNESDAY UNTIL THE
 SUMMER SEASON !**

701 South

One Step Beyond. . .

SUNDAY

Bloody

SUNDAY

**2-4-1 Import & Domestic
 Beer Specials**

PROGRESSIVE MUSIC !