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## Avion 1993-04-14 (A)

Embry-Riddle Aeronautical University

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Embry-Riddle Aeronautical University

Daytona Beach, Florida

# THE AVION

An award-winning newspaper by students for students

Volume 75, Issue 12

April 14, 1993

## Flight Team to try for win no. 2



The "Eagles" Embry-Riddle Precision Flight Team must show their excellence and expertise in both ground and air events. A team member in a Cessna 172 shows how a short field landing is performed at a previous competition.

→ A victory in Texas at this year's National SAFECON will give the University the championship for the second time in a row.

By Bill De Brauwert  
Editor in Chief

A second trophy would look good next to the one that Embry-Riddle's Precision Flight Team won at last year's National Intercollegiate Flying Association Safety and Evaluation Conference (SAFECON). At least, that's how most team members and the University must feel.

According to Mike Rapuano, the Flight Team's head coach, the University's chances of repeating as champions are excellent.

While teams are not ranked, the previous winner is usually the favorite to win again.

The competition, which will be held April 20 to April 24 in Killeen, Texas, will feature the top three schools from each region, of which there are eleven.

Embry-Riddle, which belongs to the Florida-Alabama-Georgia region, has been the regional champion for seven consecutive years now and won the national competition for the first time last year.

The University of North Dakota, which had won it the preceding six years, only finished in sixth place the meet which was held in Monroe, La.

Rapuano, however, believes that UND will be very

strong this year, especially after last year's loss. He also expects to see a strong showing from the Air Force Academy, which finished third last year.

Other schools that are expected to make a strong showing are Western Michigan University and Ohio State. WMU finished in second place last year, and one of their pilots won top pilot honors.

The University will be sending 18 team members to the national competition this year, one of the largest groups ever, according to Rapuano.

Rapuano attributes this to a growing interest in the Flight Team by students after last year's victory. The University usually send 12 to 14 team members.

Some members of the group will fly two Cessna 172s and two Piper Cadets to the competition, while the rest will go by commercial airline.

The team will compete in ground events such as computer accuracy, aircraft identification and pre-flight, and flight events such as navigation, power on and power off landings.

While Rapuano says that the team is very well rounded, he believes that the team is especially strong in the ground events.

Part of that has to do with the large group. Previously, they only compete in two or three, allowing them to concentrate more on a specific area.

It is the sense of being a team that Rapuano believes makes this particular group one of the best he has seen. He stressed, however, that it was important for the team to stay focused and believe in themselves and their ability to do the job.

Accompanying the group will be assistant coaches Kirk Ladeau, John Walsh, John Wassong and William Mason, the team's faculty advisor. The members will leave for Texas on Friday and Saturday.

## New ATC equipment will offer more realistic training

By Robert Davison  
Staff Reporter

An air traffic control specialist (ATCS) is described as one who provides for the separation of aircraft in a safe, orderly, and expeditious fashion both in the air and on the ground.

This definition may sound simple enough, yet, in all reality the responsibilities of an air traffic controller

are a complicated training process to instill the exacting nature of the job.

\$1 million dollars was allocated to the new, highly innovated computer generated enhanced training center located in the Airway Science Simulator Laboratory (ASSL).

It is hoped by the University that with this program a new era of ATC training will emerge.

Marvin Smith, Assistant Professor of Aeronautical Science at ERAU said, "The Air Traffic Control Minor

was established in the Fall of '92, in order to offer Embry-Riddle students additional options in their career preparations."

For more than 30 years, the Federal Aviation Administration has been training internally the ranks of air traffic controllers. But now perhaps things are changing.

There are approximately only 32 accredited universities in the U.S. that teach aviation related materials or curriculums and of these, only four are being authorized by the FAA to teach or offer highly sensitive, fully automated computerized training.

Embry-Riddle is hoping to improve this by offering its students some of the newest and most advanced systems on the market today in which to learn how to be an air traffic controller.

To do these teaching improvements, ERAU has purchased 15 new 486SX 33MHZ machines. These computers have a 250MB hard drive, and are being set-up on a network. All of the computers are going through the objective learning phases.

The initial programming of the computers are being done by Esa Rantanen, Larry Tomaskovic, Ken Petschauer, and Smith. They say they will have the system operational in time for Summer A and Summer B this year.

According to Smith, there is a significant amount of one-on-one training that takes place in the process of becoming an air traffic controller. A serious mistake may have disastrous results.

Therefore, it is essential that just as when a flight instructor is



Esa Rantanen (left) and Larry Tomaskovic, both professional air traffic controllers, look for bugs in the University's new ATC simulators.

see Traffic, page A4

## "Take me out to the ball park"

# Pro-baseball comes to Daytona Beach

By Keith Towers  
Staff Reporter

The Daytona Cubs now offer students a new attraction in the Daytona area by providing them with a chance to watch some very good professional baseball.

Ticket prices for the Single "A" ball club are very cheap at \$3 for the bleachers and \$4 for box seats.

Since the prices were so inexpensive and the fact that Daytona Beach has not seen professional baseball in over 5 years, Jackie Robinson Ballpark was standing room only for Monday night's home opener for the 1993 season.

The Cubs played the Sarasota White Sox game series. Last night was "student night" at the ballpark which offered students 50¢ off admission with a valid student ID.

Specials such as this and continued winning should keep attendance up as Volusia County was starving for professional sports.

The night at the game is also accentuated by give-aways by matching program numbers with the one drawn.

Also, McDonald's agreed to give away a free Big Mac to any ticket holder if a Cubs batter hit a grand slam or a pitcher struck out the side.

This came close to happening as in the middle of the game, Cubs pitcher Kenneth Streestra struck out the first two batters, but could

not fend off a single by a Sarasota

batter. The attendance for Monday's game was approximately 4,300 enthusiasts in a standing room only environment.

A Cubs representative stated "Too bad the stadium's not a bit bigger since we had to turn people away. We knew the crowd would be there because we opened the ticket booths on Easter Sunday and

sold hundreds of tickets."

Having a record of 3-0 doesn't hurt attendance either as the Cubs jumped out to the early lead in the Florida State League.

For some good baseball, good company and a fine night out, a Cubs game is an inexpensive alternative to the usual grind.

This weekend will see the team play games Friday and Saturday night at 7:05 p.m.



A sellout crowd and more saw the Daytona Cubs beat the Sarasota White Sox 5-2 in their home-opener debut. The city has been without pro-baseball since 1987.

### Inside this week:

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Physical plant is finishing improvements to existing athletic facilities on campus.

see Campus News, page A4

### News in brief...

#### Last Issue of the semester

This is the last issue of the Avion for the semester. The next issue is scheduled to come out May 12, and will be published bi-weekly during the Summer semester.

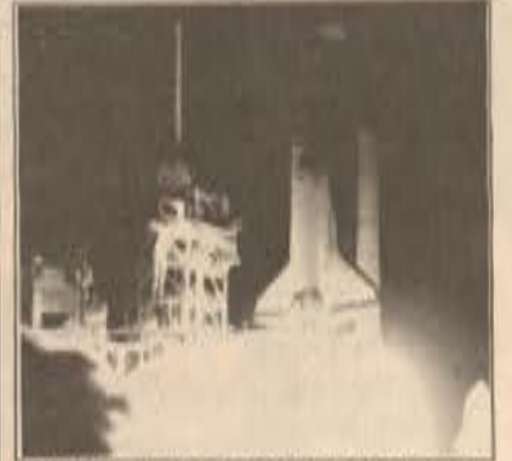
If you want to keep informed of what is happening on campus, in the aviation and space industry, or just want a full page of comics, come to the Avion office on the second floor of the John Paul Riddle Student Center and buy a special Summer subscription for only \$6 (the cost to ship the Avion to your home.) Checks are preferred.

#### Movie of the Week

Touch 'n Go Productions will be showing *A Few Good Men* tomorrow, the last movie of the semester. The box office hit stars Jack Nicholson, Tom Cruise and Demi Moore in a military courtroom drama. The movie has been rated R.

#### Get involved during Summer

If you want something to do this Summer, why not join the Avion? We are looking for writers, photographers and copy editors. This is the perfect time to learn the trades of the newspaper business.



Space Shuttle Discovery makes a spectacular night lift-off. Landing is scheduled for Friday.

see Space Technology, page B2

**THE AVION**  
Embry-Riddle Aeronautical University

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Newspaper

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**Letters to the Editor:**

**Firearms Response**

To the Editor,

After reading Arie Moller's article "Control Automatics, Control Death!" it is apparent that Mr. Moller, like most of the general public, is misinformed about firearms. I would like to clear up a few facts. The following information comes from the owner of "The Ammo Dump" gun store on Beville Rd., who has recently purchased a fully automatic assault weapon. Information also came from the Congressional Research Service Report titled "Semiautomatic Military Style Firearms: Statistics and Issues."

A fully automatic firearm continuously fires its ammunition while its trigger is held down.

A semiautomatic firearm is one that fires one round of ammunition with each pull of the trigger.

A true military assault rifle can change from automatic to semiautomatic, and is not available to the general public. There are however, assault rifles that are semiautomatic only and are available to the public. These weapons are no different in operation than many hunting rifles sold today. These weapons only look like their military counterparts.

For a citizen to own a fully automatic assault rifle, they must receive a permit from the Bureau of Alcohol, Tobacco and Firearms (A.T.F.). If you want to own a fully automatic weapon, you must go to a class three firearms dealer who is licensed to sell fully automatic weapons. From him, you get an application for your permit. Along with your application, a picture of you and a full set of fingerprints is sent. Also, before you can send in your application, you must go before the local Police Chief or Sheriff and receive his signature on your application. Once you have all this then the application may be sent with your \$200 application fee.

After the A.T.F. receives your

application, the F.B.I. begins a background check on you. In about four months, if the F.B.I. has found that you have no felonies and are mentally stable, you will receive your permit.

Mr. Moller is also a little misinformed about assault rifles used in crimes. NO legally owned fully automatic weapon has ever been used in a crime. Semiautomatic assault rifles have been used more in crimes. From 1986-1989, in all crimes involving firearms in the U.S., semiautomatic assault rifles were used in only 8.75% of the crimes.

I hope that Mr. Moller will, in the future, check his facts before going to print. The American public is already misinformed about firearms. If Mr. Moller does not like firearms then that is his right, but that should not allow him to print lies.

Jeff Smith  
Box 6592

Editor's Note: The AR-15, the civilian version of the M-16 assault rifle is classified as a semiautomatic, yet can be modified to full auto in a short amount of time.

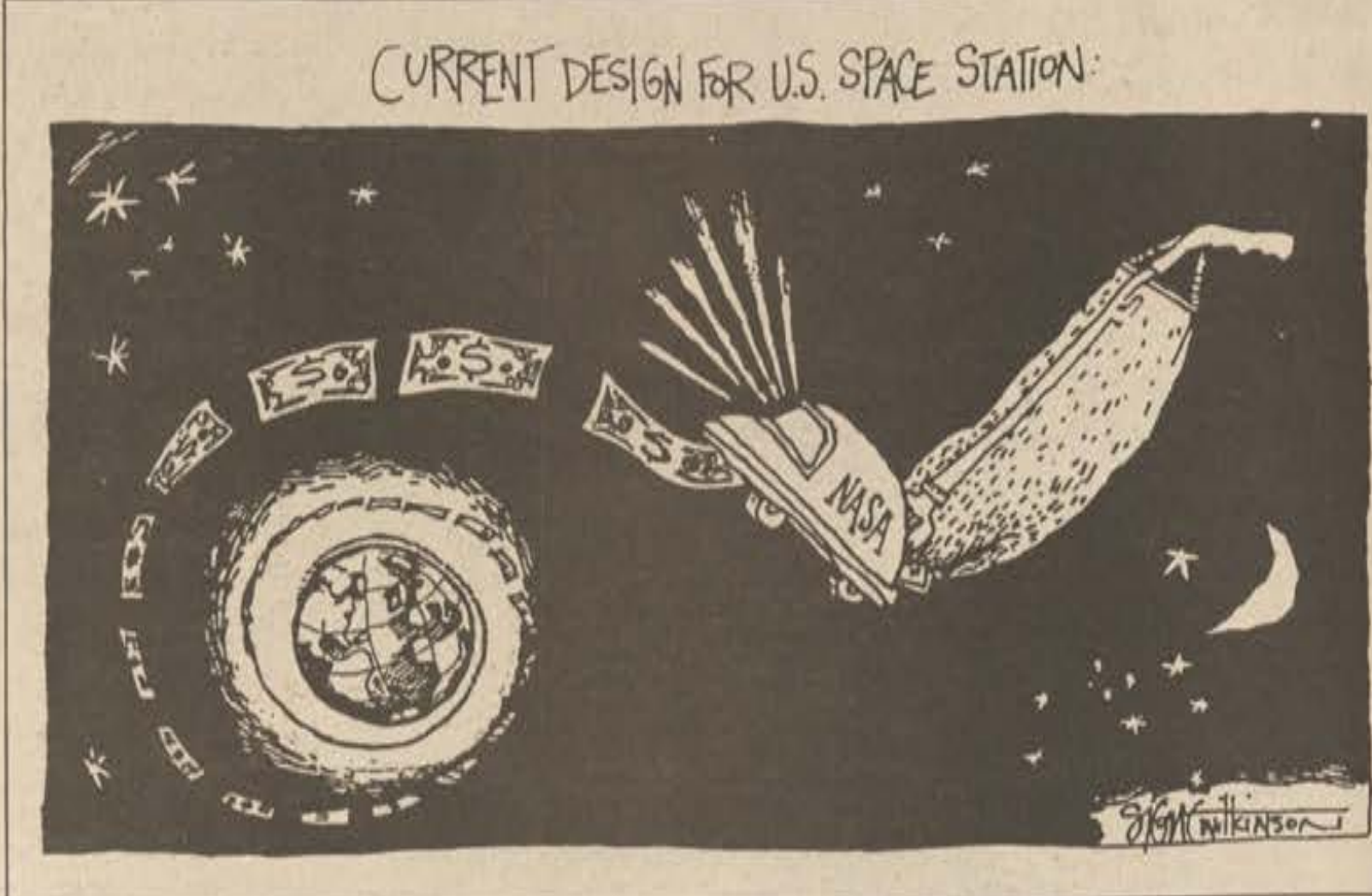
To the Editor,

This is written in response to the opinions of the Opinion Editor's comments in the last Avion. The message behind the article is that we want crime to stop. That would be great! I wish it could happen, but he, in his anger, has misplaced the blame.

Just a few facts, in the entire country there are over 20,000 gun control laws on the books (city, county, state and federal). They have not stopped the criminals and neither will any more laws.

The editor also believes that it is easy to get a full automatic weapon. Well if you want to get it illegally then yes. No amount of legislation

see Letters, page A6



**Staff Commentary:**

**Rodney King is not a martyr or a hero**



Jason Simon  
Senior Staff

The fate of our nation now lies with twelve people. In case you really have no idea what I mean, the jury is now determining the fate of four law enforcement officers in the Rodney King trial.

Well, I do not want to be in any major metropolitan areas this week. Why? Because the jury is going to acquit the officers again! That is unless they bow to the pressure that the liberals have created. The liberals have threatened that if they don't get what they want, there will be riots again.

Let's face it, the officers were justified in using force to stop Rodney King and it was not a racist beating. Let us examine the FACTS!

In order to determine the facts in total, you must have seen the entire

video. Now, I am not talking about the 80 seconds that the liberal news media would like you to believe was the whole tape. You must see the entire FOUR MINUTES of video footage to see what happened.

What the tape reveals is that after stopping the car, Rodney King ran toward the officers. The officers did not know if he was on any drugs; they did not know if he was armed with a weapon. The officers then focused on what to do about saving their own lives. If that meant striking Rodney King, then they had the right to do so.

The tape also shows King trying to get up after he had been hit repeatedly. So the officers hit him again. They still didn't know if King was armed. They had the right to subdue King. King was stupid to resist arrest and he was stupid to try and get up off the ground. Put yourself in the officer's shoes. What would you have done?

Another point, if this were a racist beating, why is it that the black passengers in King's car were not beaten. Simple, they did not

resist arrest. Heck, if the cops were racist why didn't they just beat all the black people involved?

In the aftermath, the officers were put on trial. The prosecution had to prove that the officers did violate King's rights beyond any reasonable doubt. After hearing the testimony and deliberating, the jury decided that three of the police officers were NOT guilty and they deadlocked on the fourth. Now, if the jury was racist, why didn't they just acquit all the officers; why did they send one back for a retrial? Simple, the jury was not racist. Justice was served! Just because the black community did not get the answer they expected does not mean that justice was not served.

After the dogs and ponies are finally cleared off the stage this time, the officers will be acquitted, again. Now, if you are afraid of riots, here is what I think should be done!

Marines should be sent into urban areas when rioting occurs and martial law should be declared. The sit-

uation should be treated similar to the way the Hurricane in Miami was handled, except the Marines should be in place. I suggest sending in highly trained forces who are diverse in ethnic background so that they can control the situation effectively. It is one thing to peacefully demonstrate over an issue, but it is quite an illegal other to think that just because a verdict doesn't go your way that you can get a free TV or VCR through looting and rioting.

In closing I must restate this one sentence: One I have written before, I am not racist! I have several black friends and enjoy their company. I just believe that the American Justice system still works. When the officers are acquitted again, justice will be served again. One last thing. It is a shame that the liberal press has made Rodney King a martyr when he is not. It is really a shame that we do not put such emphasis on the law enforcement agents around this great nation. Those people risk their lives daily to keep the peace in our nation. They also die doing their jobs. They are the heroes, not Rodney King!

**Somalia needs a permanent solution**



John Luke  
Staff Reporter

As we all head into finals and get set to head home for the summer, I wanted to give everyone something serious to think about. As you head home on your flights and in your cars, count your blessings for we live in the best country in the entire world.

We live in an affluent, educated and comfortable nation where all people have more rights and more wealth than anywhere else in the world. You should feel honored as you exercise your freedom and spend your wealth.

But, also realize that a half-a-world away there is vast suffering and starvation. A place where we

are just starting to look in and realizing that we can't fix it all. Can't or won't, it is really a question of will.

Although we are unaware of it, there are more countries like Somalia. In Africa alone, there are many other countries in the same troubled shape Somalia is in.

Why are we not helping these countries as well? While we live in the lap of luxury here in the beloved USA, I know, I know, we have earned our supremacy in the world. But, do you really think we can just turn our back to the rest of the world and sink into our own existence? Nope, we need to take some action!

In 1992 there were over 400 news reports on television alone about Somalia and the desperation there. Yet, there were less than seven covering other countries in Africa. I saw this information on a news broadcast and then they had the President of the U.N. get on television and confirm that public opinion

is the basis for the U.N. and countries to give assistance to these countries in need. Sure, we as Americans want to have our freedom and control what our government does, but if we aren't getting the accurate information to begin with then how can we afford to make such decisions?

And regardless of our little dilemma here, many have the dilemma of life or death on a daily basis over there. What about the Somalis? Are we really helping them or are we just delaying the inevitable.

Without a stable, long-term, democratic government to represent the voice of those people, then who represents them? We detain serious criminals there only to let them go 72 hours later because we don't want to intervene in their civil war.

Folks, we should start thinking about a permanent solution there, not just a quick fix up band-aid type job which will keep the civilians fed

until we decide to leave and then the bloodshed and death toll rises again.

A permanent solution involves strengthening U.N. involvement to set up an interim government, schedule elections, and draw up governing documents with that elected leadership. In this manner, the people of Somalia will be empowered to take their country and make it a better place to live.

They could control the feeding, run the country and enforce the law. Sure, it will take some years to get them on their feet and in the meantime the U.N. forces should remain to assist.

But, simply feeding the people is not enough. Political will needs to be stepped up so that all may find an acceptable solution in Somalia. The people of Somalia need a voice, and we as Americans should ensure we use our voice and ability to give it to them as well as help others in dire straits like Somalia.

**Student Forum**

**The Avion Asks: In what direction should the space program go in?**



Chris Duck  
Senior  
Aero. Science

"I feel that the space program should be focused mainly on research and development..."



Harry Brodeen  
Senior  
Aero. Engineering

"NASA should seek more economical means of space travel such as the Delta Clipper."



Omar Jones  
Sophomore  
Air Science

"...the space program should continue in the direction it is going, pushing the envelope of science..."



Mickey Wasniewski  
Sophomore  
Air Science

"I feel that the space program should move forward because... technology needs to be improved."



Jon Deason  
Freshman  
Aero. Engineering

"We need to analyze what direction we are headed in now...reorganize the space program"



Jennifer Comal  
Sophomore  
Aero. Science

"The space program should take a cut back and focus only on needed research and exploration..."

Photo by Kaj Tuunanen

## Five students set off firebomb at Stetson

By Jayne Newby

Staff Writer

Five students and one senior were arrested after a "fire bomb" on the campus. Stetson students are Grant Davis, 21, a senior student, Andrew Teubner, 22, a major, and Daniel Tuebner, 26, an aviation management

According to the Deland Police Department on Friday April 9 at 11 a.m. Stetson security officers arrested five white males placing a flammable gasoline container on the road at Michigan Avenue and Woodland Blvd. A wick stuck into the container as it lit and as the students ran off the container exploded. The Stetson security personnel, Mark Gilotti and Richard Tibbets,

according to the police report, apprehended the suspects at Minnesota and Woodland Blvd. and detained them until Deland police arrived and placed them under arrest.

According to the police report all five of the suspects smelled of "petroleum" and appeared to be intoxicated.

Initially the police were not able to stop the fire with extinguishers, so the fire department had to be called. Upon arrival the fire department put out the blaze, and the partially melted gas can was recovered and placed into evidence. All 5 of the suspects were charged with manufacturing and possessing a fire bomb. They were released on a \$1,000 bond Friday morning.

According to the police report a 4 foot by 4 foot piece of road was relatively scorched. No one was injured.

Robert Wofersteig, Embry-Riddle's assistant director of public relations, said any student convicted of a crime could be expelled.

## Lt. Colonel Gemar addresses Army ROTC

By Jaye Howell

Staff Reporter

The Army ROTC recently held its annual dining out. This is a formal military function that includes dinner, dancing and entertainment.

The Eagle battalion was honored to have Lt. Col. Charles D. Gemar as

its guest speaker. Gemar is one of the few Army astronauts still on flight status with NASA.

During his speech, Gemar showed clips from his flight on STS-48. The clips showed the launch of a satellite and the stress test for the space shuttle. The film also showed clips from daily life including, eating and sleeping. He also told of the many

challenges that he went through to get to become an astronaut.

Gemar enlisted for in the army in January of 1973, and reported for duty on the eleventh of June that same year. In November of 1973, he was assigned to the 18th Airborne Corps at Ft. Bragg, North Carolina.

During his assignment at Ft. Bragg, he received an Appointment to the U.S. Military Academy Preparatory School at Ft. Belvoir, Virginia. This was followed by a Department of Defense appointment to attend the U.S. Military Academy, he graduated with West Point's class of 1979.

After graduation, he attended the Infantry Officers Basic Course at Ft. Benning, Georgia. Following officers basic course, he attend Initial Entry Rotary Wing Aviation Course, and the fixed Wing Multi-engine Aviation at Ft. Rucker, Alabama. He was transferred to the 24th Infantry division at Ft. Stewart, Georgia, in October of 1980 and where he remained until January 1 of 1985.

While at Ft. Stewart/Hunter Army

Airfield, he served as Assistant Flight Operations Officer. He also served as Flight Platoon leader for the 24th combat Aviation Battalion, Wright Army Airfield Commander, and Chief of Operations Branch at Hunter Army Airfield. He also completed the Army Parachutist Course, Ranger School, and the Aviation Officers Advanced Course.

Gemar was selected for a one year training and evaluation program in June of 1985, and successfully became an astronaut in July of 1986. He was selected as a mission specialist for future space shuttle flight crews.

Gemar first flew on STS-38 on November 15-20, 1990. This five day mission conducted department of defense operations. They completed 80 complete orbits and were in space for 117 hours.

He then served on the crew of STS-48 aboard the Space Shuttle Discovery. On this mission, the crew successfully deployed the Upper Atmosphere Research Satellite.



As part of his speech, Lt. Col. Gemar showed a candid film of life in space aboard the flight STS-48 in 1991.

### Faculty profile

## Dr Mike Sylvester, lecturer for Humanities and Social sciences

By John Luke

Staff Reporter

Dr. Mike Sylvester teaches multi-cultural courses, psychology and personality development in the Humanities/Social Science department.



Dr. Mike Sylvester

ment. While he is happy with his career at Embry-Riddle, it seems now that he stands at a crossroads.

While Sylvester is a popular teacher amongst many students, he remains a lecturer and unlisted as faculty in course offerings because of his Lecturer status. To top it all off, according to Sylvester, his course load of teaching will be diminished even further this Fall term due to the fact that Dr. John Williams is entering teaching again as a psychology instructor. While he likes the area and the school, Sylvester said that he does have other ideas if he should have to seek other employment.

But Sylvester likes Embry-Riddle so much that he feels caught, between a rock and a hard place.

Sylvester has been involved with many activities on campus from student clubs and organizations to the development of multi-cultural classes within the Humanities/Social Science department.

Sylvester said that he started at

Embry-Riddle over six years ago as an Adjunct part-time faculty member for two years, became a full-time Assistant Professor for one year and now has been cycled through as a part-time Lecturer. He said that the Lecturer position is generally contracted for three year intervals with no guarantees. So, Sylvester finds it difficult to regard himself as having continuing employment with his current part-time and seemingly temporary status.

The University has here-to-fore not made Sylvester a tenured faculty member. However, with a new department chair and changes occurring in the University, Sylvester feels maybe the school should consider taking him on as a full-time tenured faculty member.

Sylvester said, "I think that the students at Embry-Riddle are motivated. I like the multi-cultural aspect of the student body and the relaxed atmosphere between myself and the students." He said that he also likes living in the Daytona Beach area.

He finds that he can relax and have plenty of time to partake in his hobbies here in Daytona Beach.

He said that this summer he will be Disc Jockeying at Sindbad's on Saturday and Sunday afternoons on the river front just under the Dunlawton bridge. He said, "I'll be playing Caribbean music to jazz to rock and blues."

Sylvester said that he is also getting into writing. He indicated that he would like to write about race relations in a psychological context.

He also said that he likes meditating. "Meditation lets you sit back and delve into meditative things," said Sylvester. He said that he is from St. Lucia in the Caribbean and came to the United States in the mid-1960's. He described the 60's as a "fantastic era." He said there were many social causes to be involved with concerning civil rights and peace activism.

Concerning his future plans, Sylvester said that he plans on staying at Embry-Riddle.

### A pilot adjusts to adversity



Senior Chris Duck from the Prescott campus sells T-shirts while on vacation to destitute pilots for \$13.

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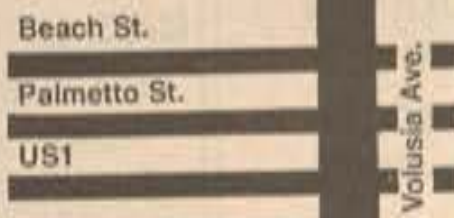
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# Embry-Riddle Physical Plant stays busy

By John Luke

Mr. Mike Nickell, Director of the Physical Plant at Embry-Riddle, told the Avion that he's excited about several projects on campus. He announced several upcoming projects for the summer and reported on the recently completed projects on the pool and soccer field.

This summer, Nickell said that the Physical Plant will be performing the following projects on campus:

- Waterproofing the Academic Complex. He said that the buildings and overhangs will be painted over the summer with a waterproofing agent.
  - A new heating, ventilation and air conditioning system will be installed in A-Building. He said that this air handler unit will also modify humidity as well for better comfort in the future in that building.
  - Indoor air quality studies will also be completed on Spruance Hall, Airway Science building and Student Center Annex.
- He said that these studies will tell what types of equipment may be needed to improve air quality in these areas.
- He said that they will either modify existing equipment or get new equipment as necessary to improve air quality as specified in these studies



The Physical Plant performs maintenance throughout the campus to include re-enforcing the Tine W. Davis swimming pool and sodding the soccer fields.

which are already underway. Nickell said that the new Dorm I chiller, which was installed in 1991, was paid for in part by a federal grant. Nickell estimates that this unit saves the University over \$25,000 per year in utility expenses. Concerning the pool, Nickell said that it was done on time and well within budget. He said that the subcontractor who worked on that project was Commercial Pool Systems Inc. of Holly Hill, Fl. The soccer field across from Mainland High School on the west side of Clyde Morris Boulevard north of the auxiliary parking lots east of Richard Petty Boulevard had sod laid recently by P&S Paving in Ormond Beach, Fl.

# Campus News briefs and notices

## Financial aid

From time to time, various Financial Aid search companies advertise around campus and in the Avion. These companies provide a service of matching a student with available scholarships as well as estimating Federal grants and loans. These companies routinely charge up to \$100.00 for this service. The student fills out an application and in return most companies guarantee a certain number of programs for which a student can apply. However, caution needs to be exercised. Most of the programs offered are those that any student can receive by filling out the Free Application for Financial Aid. The scholarships that are listed by these companies can be found in various scholarship reference books that are in the school and public libraries. Recently the N.Y. City Better Business Bureau published a report identifying 20 scholarship matching services that have been assigned unsatisfactory ratings because they were unable to substantiate advertising claims. This list is available at the Financial Aid Office. Before investing in a Scholarship search company or one that promises to find "hidden" sources of Financial Aid, read the chapter on Scholarships in the new 1993-94 Financial Aid brochure. The Financial Aid office awards the maximum aid a student can receive. Before money is spent, come by the Financial Aid Office and ask questions of trained Financial Aid professionals.

Official Transcript is needed.

## Do You Know About HU 221W?

Do you know that you can sign up now during add/drop for this Fall course? HU 221W is the honors/tutoring section of Technical Report Writing, AND you can begin work in the Writing Center with pay during this one semester course. After this term, we expect to move into an area dedicated to our use. See Ms. Judy Rehm in A-212, extension 6639, or talk to a Lab tutor in A-106 for more information.

## HU219

Ms. Magaba's HU 219 class is going public for their final performances of the semester. Tomorrow evening at 7:00 p.m. in W306 the students will be performing a wide variety of pieces from selections such as: The Sunshine Boys by Neil Simon, To Kill a Mockingbird by Harper Lee and Cinderella by Anne Sexton. All are welcome! Cookies and punch will be served. That's tomorrow night, Thursday the 15th! So, if you're up for an evening of FREE entertainment come see the talented students of Section 5.

## Soft ball championships

The Fubars and Underdogs captured the Spring '93 Intramural Softball Championships on Monday, April 12. The Fubars defeated Ground Effect for the Division "A" title by a score of 7-2. Solid team play, both offensively and defensively, were the keys to the victory. This victory finished off an undefeated season and finished with a 9-0 record. Ground Effect suffered its first and only defeat and finished 9-1.

The Underdogs defeated the Woodies for the Division "B" title by a score of 11-6. A five-run, seventh inning sealed the victory for the "dogs." The Underdogs finished with an overall record of 5-2-1, while the Woodies were 5-4-1.

Congratulations to the Fubars and Underdogs on their outstanding accomplishment. The league started with 46 teams.

## Summer '93 Degree Completion

Applications are being accepted for those expecting Summer '93 degree completion. Come to the Office of Records and Registration and fill out an application to receive a "PRELIMINARY EVALUATION". An Additional Reminder for Graduation Seniors: If a prospective employer requests a transcript for a job interview, we must have a request from you before information can be released. Stop in at Records and Registration and see us about request forms. After you leave, NO REQUEST can be done without a written request and a \$4.00 fee, if an

# Stolen credit card lands former student in jail

By Bill De Brauwier

Three people, including a former Embry-Riddle student, were arrested by Daytona Beach police on April 1 for attempting to use a stolen credit card at the Chart House restaurant on Beach Street.

The credit card belonged to Jennifer Bolduc, a student at Franklin Pierce College in New Hampshire, who was here visiting for Spring Break.

She was staying with friends at the Barrington Apartments when, according to her, she had noticed earlier that morning that her credit cards were missing. She then called her parents who had them reported stolen.

Chris Olvin Santiago, 21, from Daytona Beach and a former Embry-Riddle student, along with another male and female, were arrested by Daytona Beach police later in the day after they tried to pay for their \$120 meal with one of the stolen credit

cards. Chart House employees had called Daytona Beach police after a security check revealed that the credit card they attempted to use had been reported stolen, according to the police report.

Further investigation by the police indicated that the three suspects had allegedly bought \$280 worth of athletic shoes with one of the credit cards earlier in the day.

Police said that three pairs of shoes were supposedly purchased by the female suspect, Shoshone Ann Humphries, 19, from Daytona Beach, at Athletic Express in the Volusia Mall. She apparently had signed the credit card receipt, which was found in her possession at the time of the arrest, using Bolduc's name.

According to police, the clerk at Athletic Express was able to positively identify Humphries from a photo line-up as the person who purchased the shoes with the stolen credit card.

Santiago, who lives in the same

building where Bolduc was staying, was arrested and charged with being a principle to forgery, principle to possession of a stolen credit card, and obtaining food with the intent to defraud.

He was also charged with tampering with evidence, after he attempted to flush one of Bolduc's I.D. cards down the toilet at the police station.

"I was a victim of circumstance. I am not guilty. I was at the wrong place at the wrong time with the wrong people. I was wrongfully charged, and justice will prevail when the case comes to trial, and they [the two other suspects] will be punished for what they did," said Santiago.

"I had no idea that the credit card she was using was stolen. I was shocked when the police officer came and accused her of having a stolen credit card," he added.

According to police, he also had two outstanding warrants for petit theft and resisting arrest without violence, and for not having a valid



Chris Olvin Santiago

drivers license. Humphries was charged with forgery and possession of a stolen credit card.

The other suspect, Sammie Lee Hodges, 23, of Daytona Beach, was charged with being a principle to forgery, principle to possession of a stolen credit card, and defrauding a public food establishment.

He also had an outstanding warrant for not having a valid drivers license.

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**Letters**

(continued from page A2)

of gun stores can stop you from buying a gun illegally. Try putting the criminals in jail for a change.

The truth about getting a full automatic weapon is that you have to apply to the department of Alcohol, Tobacco, and Firearms.

They do take your picture and finger prints, they do check to see if you are a criminal in the NCIC computer. This computer checks federal and state records. You are required to get a written letter from a high ranking law official in your state or city stating that there is no reason to deny you a Class III license. The process takes 2 to 6 months. You cannot use an alias as the editor said in error. Since 1934, all full automatic weapons are required to be registered with the ATF. Only one such legally registered weapon has been used in the commission of a crime; however, it had been stolen from the registered owner.

Florida currently has a system that by phone, checks your record with your ID and your social security #. They check the same computer as stated above. The Brady Bill does not do any more than that. The one week waiting period is designed to be used until the phone check system is in place. Florida already has that. **THERE WOULD BE NO CHANGE IN FLORIDA IF THE BRADY BILL PASSED.**

By the way the militia, when the Constitution was written, was the farmers and townspeople. The second amendment says "...the right of the people to keep and bear arms, shall not be infringed." The "people" used to mean "WE THE PEOPLE" not "WE THE PEOPLE," except those with short arms!"

with accurate facts. I can accept a differing opinion, if it is not misinformed and based solely on emotion.

Nate McCormack  
 Box 7429

**Fake ID not Worth It**

To the Editor:

Every day thousands of young students are caught trying to obtain fake IDs. I was one of these students, but never thought of getting caught. Then one day I went to the DMV and tried to get a fake ID. I had someone else's social security card and birth certificate and thought this would get me an ID for over twenty one. Instead of getting a fake ID, I got over twenty-four hours in jail, six months probation and lost my driving privilege. All of this wasn't worth trying to be over twenty one.

I used to think that a person had to drink to have a good time, but this isn't true. A felony charge for a fake ID just isn't worth all of the trouble it can cause. People should just wait until they are twenty one and then drink alcohol. A person shouldn't give in to peer pressure from older people. Just remember twenty one isn't that old, you'll have plenty of time to party later in life.

Maximilian Brockmann  
 Box 7052

Editor's note: Mr. Brockmann was ordered by County Court Judge Grimes to write this letter to the editor. Earlier this semester, Mr. Brockmann pleaded no contest to a misdemeanor charge for falsification of information presented to the DMV



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# Colleges encourage women to be engineers

College Press Service

Although engineering is still a male-dominated field that carries many stereotypes, universities are attracting more women into engineering disciplines, says experts in the field.

The engineering industry is actively recruiting female college graduates into well-paying jobs as firms try to diversify the workplace and women are finding out that engineering offers a satisfying and demanding academic course work. But there are still stereotypes that have to be overcome because of the image engineering has in our society, officials say.

"The stereotypes include the white man with an old slide rule and a plastic pocket-protector," said Robby Henes, director of the Center for Women in Engineering at the University of California-Davis. "Many myths exist, such as engineers not being social. (They) can't handle people (so they) got into a technical career. It is a male profession, more so than other hard sciences. It is still predominantly a white male industry, but women are making a lot of inroads."

Until 10 years ago, college and university engineering programs attracted few women. That, however, is changing.

In 1974, there were 4,266 women enrolled in undergraduate engineering programs nationwide, or 6.7 percent of the total enrollment. In 1990, there were 16,674 women enrolled, or 17.7 percent of the total. In graduate programs in 1974, 1,399 women, or 3.2 percent, were enrolled. In 1990,

16,611 women, or 14.1 percent, were in graduate programs.

What happened in the past two decades was the demystifying of engineering both as a male bastion and as a boring profession. There also seems to be confusion outside the profession as to what engineering is. "An engineer is anyone who takes basic ideas of technology and science theories and applies them to the real world," Henes said.

What any engineering undergraduate or graduate needs to be successful in school is a strong background in science and math. "Women offer a unique contribution. They tend to be more communally oriented. Men put a heavy emphasis on grades and not sharing information or working in groups," she said. "The ability to work together is very helpful. Women have a different way of examining a problem."

Jane Daniels, director of women in engineering programs at Purdue University in West Lafayette, Ind., said that a demand for safer and reliable consumer products plus concern for the environment is a big draw for female engineering students especially in environmental, agricultural, industrial and chemical engineering and consumer goods. This, combined with the industry trying to diversify its workplace, has created new opportunities for women.

"The women who are admitted to the engineering program are very motivated, and their performance reflects their motivation," Daniels said. "In the late '60s and early '70s, less than a third of the women enrolled in engineering actually graduated

with engineering degrees. But now the rate is in the high fifties."

The Washington-based Commission on Professionals in Science and Technology found that in 1991 women held 22 percent of federal jobs in environmental engineering, 18 percent in chemical engineering and 17 percent in biomedical engineering.

Another study by the Engineering Manpower Commission found that women earned nearly one-third of the bachelor's degrees awarded in biomedical, chemical, environmental and industrial engineering.

Studies have shown that women, even those talented in math and science, face a bias in education from kindergarten through high school that discourages them from entering the sciences.

"Males get more attention in the classroom, more eye contact and are called on more often by teachers," she said. "Males were getting more qualitative feedback."

But the Center for Women in Engineering also holds workshops in grades kindergarten through high school in local schools to sensitize teachers to the needs of female students and to look at "what their myths about engineers are. Teachers have their own bias and lack of understanding," she said.

The Society of Women Engineers, a professional organization based in New York, has financed a \$100,000 scholarship fund specifically for female engineering students. The society represents 16,000 professional women and students, and has chapters at 250 universities and colleges, and in 70 cities.



Photo courtesy of College Press Service

To diversify the work force of engineering, many universities are actively recruiting women into their Engineering departments.

Anna Salguero, president of the society and a telecommunications engineer with Southwestern Bell in St. Louis, said that women's rising confidence in their professional abilities is a major factor in the increase of women joining the ranks of engineering schools.

"I think the fact that women began feeling they could do anything they want to do started it," Salguero said. "It was traditionally a male-dominated field. Society always stereotyped that men can do more technical things. Women are just as smart in math and science as men, or even more so."

Salguero said she graduated from the University of Texas-El Paso 18 years ago

with a major in math, yet she was never counseled to go into engineering. Southwestern Bell Telephone trained her for her current position.

Although many engineering fields are experiencing hiring slowdowns because of the economy, women entering engineering "are holding their own," she said.

First-year engineering graduates can expect initial salaries that average from \$29,850 to \$33,650, according to recent surveys. Research and development engineers have the highest beginning salaries, ranging from \$33,050 to \$38,000, the survey found. Officials said there is generally salary parity between men and women in the first years of professional work.

# Truck driver faces manslaughter charge after fatal school bus accident

EDINBURG, Texas (AP) — Ever since truck driver Ruben Perez passed through a stop sign on Sept. 21, 1989, his name has been tied to tragedy.

Now, more than three years after the state's worst school-bus accident, his fate will hinge on a jury's determination of justice.

Prosecutors will portray him as a reckless destroyer of 21 young lives. His attorney will call him a victim of the truck's faulty brakes.

But as jury selection begins Tuesday in his long-delayed manslaughter case, some people in this border county say it's time to leave the issue, and the man, alone.

"I think they should let it go. To me, it was an accident," said Oscar

Cantu, father of one of 60 children who survived the bus' 40-foot plunge into a flooded cañon. "I don't think he did it on purpose, you know, that he meant to kill twenty-one people."

Feelings haven't always been forgiving. Threats prompted Perez's employer to hire security guards at the hospital where he recovered from injuries the week after the crash.

Maria Ramirez, of Pharr, Texas said she'll be praying for Perez during the trial, even though she's never met him nor the victims' families.

"He's had to face all of this, making him feel that he's guilty," she said. "Let the poor man have some peace."

But prosecutors say Perez should be held responsible for running the stop sign and colliding his Dr Pepper truck into Mission Independent School District Bus Number 6.

The crowded bus careened into the murky pit in Alton, causing 19 junior and senior-high school students to drown and two others to die soon after.

"A stop sign is a warning," said Hidalgo County District Attorney Rene Guerra, who has charged Perez with 21 counts of involuntary manslaughter. Each count carries a two to 10-year prison sentence.

To prove involuntary manslaughter, Guerra must convince jurors that

Perez was reckless: that he knew running the stop sign was dangerous even if he didn't see the bus. Guerra said he was more concerned about getting a conviction than just a stiff sentence.

But defense attorney Joseph Connors has held out to clear his client's name. Plea bargain negotiations have come and gone, including a deal that would have allowed Perez to plead guilty and serve as little as 90 days in jail.

Connors intends to call experts to testify that the truck's brakes malfunctioned. Investigators for the National Transportation Safety Board said the braking system was two-thirds normal.

But a final NTSB report concluded

that Perez should have been able to stop if he had braked properly.

However, the truck's McAllen based owner, Valley Coca-Cola Bottling Co. and other Coca-Cola entities, have handed out more than \$90 million in out-of-court settlements to the families of those injured and killed.

Connors said prosecutors were using Perez as a scapegoat. Here's how he portrayed the state's position against his client: "People died, and Coca-Cola didn't get indicted. You did, and we need a victim."

The school-bus manufacturer, Blue Bird Body Co. of Fort Valley, Ga., also agreed to a multi-million

dollar settlement against lawsuits contending the bus didn't have sufficient escape hatches.

The accident generated dozens of bitter civil lawsuits from victims, rescuers and even lawyers suing other lawyers over the right to sue. Several attorneys came under investigation for allegations of illegal "ambulance chasing."

Judge Guerra, Prosecutor Guerra and Connors at times displayed public annoyance with each other during the numerous pretrial hearings. Another delay came with a switch in judges midway through the case.

"I've been trying to get rid of this case for 3 1/2 years," Prosecutor Guerra said.


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## Traffic

(continued from page A1)

teaching a future pilot, so too will the teachers of the ATC minor at ERAU be just as adept in the one-on-one training process.

The ATC Minor offered consists of four major courses which have to be taken in sequence.

The elements of the courses are that the student, after listening to traditional lectures, conducts a high level of independent studying and self-paced programs individualized to their abilities.

According to Smith, the FAA spends millions of dollars annually to train air traffic controllers. The program offered here at ERAU could potentially save tax payers tremendous amounts of money if controllers are allowed to train at universities.



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# Miami is not safe for any visiting international tourists

MIAMI (AP) — Florida tourist officials expected 1993 to be a record year. Instead, attacks on foreign visitors may put a crack in the state's \$30 billion-a-year golden egg.

"Florida is hurting now," said Gary Stogner, spokesman for the state Division of Tourism. "All of Florida has been damaged by this and that's just the way we have to approach it."

The dream vacation in South Florida has become a nightmare for some unlucky foreign tourists who get lost in the confusing maze of roadways between Miami's airport, downtown and the resort hotels.

The issue, which had been percolating all winter with numerous attacks throughout the state, boiled over last week after the slaying of a German woman who strayed from Interstate 95 in her rental car.

Barbara Moller Jensen, 39, became the seventh foreigner killed this tourist season when she was savagely beaten and run over in front of her two young children and her

mother. Two men already in jail for a similar attack later in the weekend have been charged with the killing.

The April 2 slaying set off a worldwide outcry. The British and German governments issued travel advisories and one German newspaper blared: "Florida: Hunting German Tourists."

"We are not telling people to stay away," said Walter Weinberger, Germany's deputy consul general in Miami.

"This is a beautiful and attractive area," he said, but added: "there are some risks and people should be aware."

"It's pretty scary," said Marie Deering, a former travel agent visiting from Perth, Australia, who was reading an account of the attack in Friday's newspaper at a Miami Beach hotel.

"I was nervous driving down from Orlando last night in a rental car," she said. "I'm thinking, 'What if we get lost in the

wrong place?'" Tourism officials are worried that Miami might be seen as the wrong place to travel to and are beginning to measure the damage on an industry that generated \$30.8 billion in taxable sales last year.

That figure is supposed to go up this year. The Division of Tourism predicts that 42.4 million visitors will come to Florida, up from 40.5 million last year. The record is 40.9 million visitors set in 1990.

Last year's figures exceeded expectations despite Hurricane Andrew, which devastated much of South Florida.

"People are more forgiving in the case of natural disaster than in the area of crime," said Vicky Knappenberger, spokeswoman for the Florida Department of Commerce.

Preliminary state figures show tourism has been slipping from last year with a 13 percent drop in March in visitors traveling by car and an 8 percent decrease in February.

But those figures, which don't account for air traffic or all auto traffic, may be misleading, tourist officials said.

"The only thing we've seen so far is that there has been one or two cancellations by tour operators of groups between 200 and 300 people," said Mayee Villafana, spokesman for the Miami Convention & Visitors' Bureau.

But travel agent Barry White said he's hearing ominous rumblings in the industry.

"A tour operator who does receptive tours for Germans told me he already anticipates it," White said. "He has heard some German tourist operators are already trying to refocus to Orlando instead of Miami."

Robberies of out-of-state visitors have more than doubled in South Florida since 1989 rising from 1,165 in 1989 to 2,616 last year.

Still, tourism officials are quick to point out that 3.2 percent of crimes in the state in 1992 were committed against non-residents,

down from 3.5 percent the previous year.

"We are a relative safe city when you look at our crime statistics," Villafana said. "There is a trend towards (attacks on) tourists, though. The street criminal has decided our tourist makes a nice target." That trend isn't new, however.

In November 1991, the London Daily Mail called Miami "one of America's most dangerous cities" after a British couple was slain.

Tourist officials in Miami are combatting problems by increasing lighting in certain neighborhoods and adding new signs with international symbols directing tourists towards beaches and the airports.

Gov. Lawton Chiles and his task force on visitor safety have been pushing rental companies to exchange their tolltale license plates for new generic ones. The companies are proceeding with these changes, but it will take time.

# Clinton's new budget will be largest tax increase in American history

WASHINGTON (AP) — The \$1.52 trillion budget proposed by President Clinton steers substantial federal money to the Northeast and largely delays the pain of deficit reduction.

With money for new Army helicopters made in Connecticut, a \$100 million grant for the Boston Harbor cleanup, and substantial increases in high-tech research funding, southern New England appears to be getting its fair share of the pie.

In addition, Clinton strays from his Republican predecessors by supporting urban mass transit, Amtrak modernization, and an array of social programs that benefit poor urban neighborhoods in the region.

On the taxation side, the Northeast got a break when the Clinton administration agreed to eliminate its proposal to slap a higher rate of tax on home heating oil than other forms of fuel. All Americans will pay higher energy taxes, but they don't phase in until July of next year.

And because New Englanders, on average, drive shorter distances than residents of other states, the impact of higher gasoline taxes will be softened in the region. The higher energy tax is expected to cost a family

with \$40,000 in annual income roughly \$17 per month.

While it may cost more to drive, residents of Massachusetts, Rhode Island and Connecticut may be travelling on improved roads as a result of the budget proposal.

Under the Clinton plan, the Federal Highway Administration would be spending \$13 per person in the Northeast compared to a national average of \$11.39 per person.

And that doesn't include a substantial investment Clinton supports in Boston's Central Artery and third harbor tunnel project.

But it may be too early to count on any part of the Clinton package. Republicans, emboldened by their opposition to Clinton's emergency jobs bill for the current fiscal year, play to put up a fight over the budget plan for next year.

"I had thought that President Clinton would submit to Congress what he proposed to the American public during the campaign," said Rep. Gary Franks, R-Conn. "Instead, he has reversed himself in many critical areas and, instead of cuts in spending and deficit reduction, we have the largest tax increase in American history and massive increases in spending."

Sen. John Kerry, D-Mass., said he planned to "take a very close look" at the Clinton plan, but was initially supportive.

"It is the first budget in over a decade that deals responsibly with the urgent need to reverse the upward trend of the budget deficit," Kerry said. "The Clinton budget invests in job-creating programs, invests in technology so important to Massachusetts, and invests in people. We saw precious little of that under Reagan-Bush budgets for 12 long years."

Frank's concern about higher taxes is more than just an automatic anti-tax response from a Republican. By relying on higher levies on the wealthy, the Clinton plan could burden many of Frank's constituents.

Roughly 100,000 families in Massachusetts, Rhode Island and Connecticut will be hit with the higher rates beginning next year.

According to the Northeast-Midwest Institute, a research arm of lawmakers from the regions, three of the top 10 states with the highest net tax increases are in New England.

Hardest hit overall will be the tax increases becoming laws which will be in Connecticut, with an average annual per capita impact of \$337.

## Key Points

1. Clinton wants to give \$1 billion into aeronautics research.
2. There will be a \$156 million increase to help American airlines keep up with western european airlines.
3. There will be about a \$30 billion amount for civilian-based research

That compares to a national average of \$215 per person. Massachusetts ranks fifth highest in the nation with an average per capita impact of \$276 per person. And New Hampshire ranks ninth with a \$257 impact, according to the Northeast-Midwest Institute.

But the administration may have spared executives in the "corporate woods" of southwestern Connecticut by scaling back its proposal to limit tax write-offs for executive salaries in excess of \$1 million. The redraft-

ed proposal limits the tax to a company's five highest paid executives.

Doctors, hospitals, labs and pharmaceutical companies all heavily represented in southern New England face a hit under Clinton's proposal to squeeze more than \$3 billion in Medicare and Medicaid savings from their reimbursements.

Jet engine makers Pratt & Whitney of Connecticut and General Electric Co. with its Lynn, Mass., plant, could benefit from an administration proposal to help sagging U.S. airlines.

In addition to proposing new airport construction money, Clinton wants to put \$1 billion into aeronautics research a \$156 million increase to help companies like Boeing keep up with the western European consortium Airbus. In addition, some jet fuel is exempted from the energy tax.

Clinton devotes a major portion of his budget proposal to high-tech research, which could benefit computer companies along the Route 128 corridor in Massachusetts and universities such as the Massachusetts Institute of Technology.

Overall, the administration is proposing \$76 billion in research

and development investments for the fiscal year beginning Oct. 1. The record-high investment amounts to a 3 percent increase over the current year's spending. About \$30 billion of the total will be for civilian-based research. The majority of the money will go toward defense-oriented research.

Among other things, Clinton proposes investing \$449 million toward research into the next generation of attack submarines. Connecticut lawmakers say the proposal signals the administration's desire to protect the Electric Boat submarine shipyard in Groton, Conn.

In addition, Clinton is seeking \$2.29 billion for the space station and new technology investments, representing a 12 percent increase.

While much of the space station project is based in Texas, high-tech firms such as Hamilton Standard of Windsor Locks, Conn., maker of space suits, could be among the beneficiaries.

Because the president plans to make the deepest cuts in defense spending in the 1995 through 1997 budgets, most of the weapons programs important to manufacturers in the region will receive continued funding.

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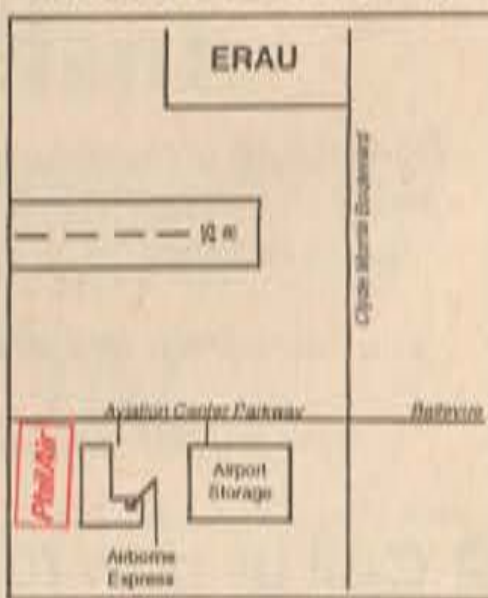
	PhilAir	10 hr. Block
<b>SINGLE ENGINE:</b>		
Cessna-150/152	42.00	39.00
Cessna-172	54.00	51.00
Piper Warrior	54.00	49.00
Bellanca Super Viking	65.00	60.00
<b>MULTI-ENGINE:</b>		
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Seneca	110.00	available. ask about share time
Super Seneca	115.00	
Aztec	125.00	
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