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## Avion 1992-03-11 (B)

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# SPACE TECHNOLOGY

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## Quayle May be in charge

By Joshua S. Mussaf  
*Space Technology Reporter*

The chairman of a House subcommittee on space is protesting a policy proposal that he says would put Vice President Dan Quayle, not the head of NASA, in charge of the nation's space program.

Rep. Howard Wolpe, D-Mich., wrote President Bush that a proposed policy directive "effectively makes the vice president... not the administrator of NASA or the secretary of the Department of Defense, responsible for reporting space program deficiencies to Congress."

But the National Space Council, which Quayle heads, said it only circulated the proposal for comment and has not endorsed it.

The proposal was released Jan. 11. Less than two weeks later, a longstanding power struggle between the space agency and the Space Council culminated in the forced resignation of NASA administrator Richard Truly, effective at the end of this month.

Wolpe, chairman of the investigations subcommittee of the House Science, Space and Technology Committee, warned that if the vice president assumes such responsibility "the Congress will surely summon him as a witness to testify at future hearings on problems in NASA and Department of Defense space activities."

Vice presidents have testified only rarely before congressional committees.

The Space Council said the proposal was one of many that came to the council unsolicited and that it was among many concepts circulated for comment to an interagency group as it formulates a new national space policy for the president.

Wolpe claims the changes would violate the National Space Act of 1958 which assigns responsibility for civilian space activities to NASA and for military space activities to Defense. It also would violate a section of the law that gives the NASA administrator control of activities and personnel.

In his evaluation, NASA administrator Richard Truly said the Space Council's reporting to the Congress on individual programs would erode his fundamental accountability for space programs.

"It would be extremely disruptive to an orderly program management process," he said.



The orbiter Endeavour was rolled out of the Orbiter Processing Facility (OPF) on Saturday. The Endeavour will be mated to the external tank and solid rocket boosters for its scheduled launch in May.

Photo by Joshua S. Mussaf

## Endeavour prepares to launch in early May

By Joshua S. Mussaf  
*Space Technology Reporter*

NASA's newest Space Shuttle, Endeavour, began its journey to its first mission when it was transferred from Orbital Processing Facility (OPF) bay 1 into the transfer aisle of the mammoth Vehicle Assembly Building (VAB). Endeavour traveled the several hundred yards from the OPF to the VAB in just over 30 minutes, early Saturday morning. Endeavour was moved aboard the orbiter transfer vehicle.

"There's no question in my mind that the team went the extra mile in getting Endeavour ready to leave the OPF. The team grabbed the challenge in getting a brand new orbiter flight ready, overcame many obstacles and demonstrated tremendous teamwork. We're proud of the team and happy to see Endeavour on its way to the launch pad," said Jay Honeycutt, Director of Shuttle management and Operation.

Endeavour arrived at the Kennedy Space Center on May 7, 1991, several days after it rolled off the assembly floor of Rockwell International in Palmdale, California. Many systems onboard Endeavour feature design changes or updates as part of continued improvements to the space shuttle.

The upgrades include several improved or redesigned avionics systems, the drag chute, and modifications to pave the way for possibly extending shuttle flights to last as long as three weeks.

The vehicle will spend about six days in the VAB while technicians connect the 100-ton space plane to

its already stacked solid rocket boosters and external tank. Endeavour will be transferred to newly refurbished launch pad 39-B. This marks the first use of pad B since it served as the launch pad for Columbia last June.

A Flight Readiness Firing (FRF) is planned about a month after Endeavour arrives at the pad. This 20-second test firing of the shuttle's main engines is a required test of all new shuttles to verify the integrated operations of the three main engines, the main propulsion system and pad propellant delivery systems.

After the FRF, technicians will perform extensive inspection of Endeavour's main propulsion system and main engines to make sure the systems are flight ready.

Routine operations and tests are planned while at the launch pad. This includes the Terminal Countdown Demonstration Test with the STS-49 flight crew, which is tentatively planned about four days after the FRF.

Endeavour's seven-member crew will be commanded by Chief Astronaut Dan Brandenstein. Kevin Chilton is the pilot and the five mission specialists are Rick Hieb, Pierre Thuot, Kathy Thornton, Thomas Akers and Bruce Melnick.

Endeavour's maiden voyage, set for launch in May, will be highlighted by three spacewalks, the greatest number ever performed from a shuttle during a single mission.

Astronauts will reboost the Intelsat communications satellite stuck in an errant orbit and demonstrate space station assembly methods.

### 1992 shuttle missions

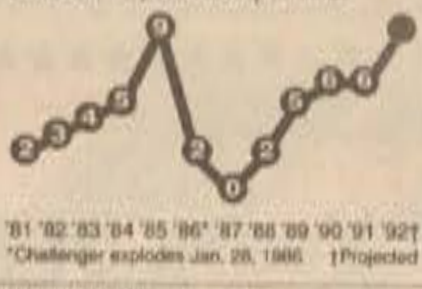
NASA's 1992 shuttle missions, which began with the Jan. 22 launch of Discovery, include three trips for its new shuttle Endeavor. Preliminary shuttle schedule for this year and main purpose of each mission:



Month	Shuttle	Launch date	Purpose
Jan.	Discovery	Jan. 22	Study effects of weightlessness
Feb.	Endeavor	Feb. 11	Repair communications satellite, deploy it
March	Discovery	March 22	Study solar energy
April	Endeavor	April 11	Repair communications satellite, deploy it
May	Discovery	May 22	Study solar energy
June	Endeavor	June 11	Study weightlessness
July	Atlantis	July 11	Conduct experiments relating to atomic oxygen
Aug.	Endeavor	Aug. 11	Conduct life science, weightlessness studies
Sept.	Discovery	Sept. 11	Conduct life science, weightlessness studies
Oct.	Endeavor	Oct. 11	Conduct life science, weightlessness studies
Nov.	Discovery	Nov. 11	Conduct life science, weightlessness studies
Dec.	Endeavor	Dec. 11	Conduct life science, weightlessness studies

#### Missions per year

The most missions flown in the shuttle's 11-year history is nine.



SOURCE: NASA, Research by PAT CARR and Miami Herald

## Pioneer 10 still carries a message after 20 years

Associated Press

Pioneer 10 set out for Jupiter 20 years ago today, carrying a message from earthlings, just in case.

The nuclear-powered spacecraft is now five billion miles farther from Earth than any other human-made object and still beaming back precious scientific data as it hurtles deeper and deeper into space.

"The great technical miracle of the whole thing is that we can receive intelligible data from five billion miles away using only eight watts of radio power. That's a great human achievement," said University of Iowa physicist James Van Allen, principal investigator of one of Pioneer 10's telescopes.

"It's mind-boggling and awe-inspiring," said B.J. O'Brien, a retired engineer who managed the program for satellite maker TRW Inc.

The faint radio pulses eventually will disappear and power to the scientific instruments will cease, probably around the year 2000. But Pioneer 10's odyssey will go on and on, barring collision or capture by space beings.

No one knew what to expect when Pioneer 10 was hoisted into space by an Atlas-Centaur rocket on March 2, 1972. The 570-pound craft was designed to operate for a minimum 21 months, just long enough to fly by Jupiter and take pictures of the mysterious, giant planet.

NASA worried whether the aluminum and magnesium probe would make it through the asteroid belt, a massive band of rock and dust orbiting between Mars and Jupiter. A spacecraft had never passed this way before.

Pioneer 10 entered the asteroid belt in July 1972 and emerged unscathed seven months later. The spacecraft survived another trial in December 1973 in Jupiter's intense radiation belts.

The probe swept safely within 81,000 miles of Jupiter and provided the first close-up views of the cloud-covered planet. The planet's gravity propelled the craft toward the outer reaches of the solar system.

When Pioneer 10 crossed Neptune's orbit in 1983 it became the first human-made object to leave the solar system.

If it continued on its path, barreling along at 28,900 mph, it

would pass within three light years of a star called Ross 248 in 32,610 years.

Seven of the probe's 11 scientific instruments still work, including Van Allen's telescope. They monitor solar wind, cosmic particles and ultraviolet glow. Scientists scrutinize the data for evidence of a 10th planet and signs of the heliopause, the outer limits of the sun's influence.

"We're still seeing the influence of the sun," said Van Allen, discoverer of Earth's radiation belts. "In a gross sense, that's the major finding since we left Jupiter. The solar influence extends to distances far beyond what were previously anticipated."

Millions and millions of pages of data have been received over the years, said Richard O. Fimmel, NASA's Pioneer project manager.

Pioneer 10's radio signals take 7 1/2 hours to reach Earth. The eight watts of power in each signal is the equivalent of a night light. By the time the signal reaches Earth and the huge antennas of NASA's Deep Space Network, the power measures 4.2 billionth of a trillionth of a watt.

Signals are received once, sometimes twice, a day. They show up as numbers on computer screens in the small Pioneer mission control room at NASA's Ames Research Center in Mountain View, Calif. At least once a day the staff sends up commands, messages that take 7 1/2 hours to reach the craft.

For anyone or anything that might be out there, Pioneer 10 bears a plaque. It shows a naked man and woman which caused a fuss at the time of launch standing side by side. The man's right hand is raised in greeting.

The nine planets also are depicted, as well as the spacecraft's path. A burst of radiating lines indicate the distance and direction from the sun to 14 pulsars, or pulsating stars, and the frequency of those pulsars at the time of launch.

NASA spends about \$1 million a month managing Pioneer 10 and five other Pioneers: Pioneers 6, 7 and 8 orbiting the sun; Pioneer 11 speeding beyond solar system after sweeping Saturn; and Pioneer 12 orbiting Venus. Pioneer 6, launched in 1965, is the world's oldest operating spacecraft.

At the time Pioneer 10 and 11 was built, they cost \$100 million.

## Astronaut Blaha visits Embry-Riddle to promote new Space studies minor

By Ronald Hess  
*Space Technology Reporter*

Last night Air Force Colonel John Blaha spoke to a full audience in the University Center.

The Student Government Association (SGA) sponsored event proved to be most successful.

Col. Blaha, a space shuttle commander, spoke of the many opportunities that the space program introduced to mankind, and of the possible opportunities in the future.

Col. Blaha has logged 453 hours in space and has flown on missions STS-29 in March 1989, STS-33 in November 1989 and STS-43 in August 1991.

Col. Blaha's visit to Embry-Riddle was to promote the new Space Studies

program. Such a program may produce the first Embry-Riddle graduate to become an astronaut.

Along with Col. Blaha's lecture was a film presentation showing the highlight of his last mission, STS-43, which he commanded.

Before his distinguished career at NASA, Blaha, an Air Force Colonel, first received his wings in 1967 at Williams Air Force Base in Arizona. Subsequently, he was assigned as an operational pilot flying F-4, F-102, F-106 and A-37 aircraft, completing 361 combat missions in Vietnam.

Blaha has logged flight time in 34 different aircraft. He has earned the Air Force Distinguished Flying Cross, the British Air Force Cross, the Vietnam Cross of Gallantry, the Purdue Engineer Astronaut Alumnus Award, the NASA Exceptional Service Award and two

NASA Space Flight Medals.

Blaha was selected as an astronaut in May 1980. His first assignment was to the space shuttle ascent/entry development team where he led the design, development and integration of the Orbiter Head Up Display System. In 1983 and 1984, Blaha worked as an ascent, orbit, planning and entry Capsule Communicator in the Mission Control Center for seven shuttle flights.

Blaha became a Space Shuttle Commander and began training for his many missions.

Blaha said, "It's been the greatest 12 years of my life." When asked what is the most full exciting reason for working for

NASA? He said, "It's the potential to achieve the unknown."

During the speech, future NASA activities were discussed. Such activities were the space station Freedom, which he said is expected to be half built by 1996, and manned by 1997.

Other topics included a return to the moon by 2010, mainly for equipment testing for proposed Mars missions.

"Research is the most important thing," said Blaha while speaking of future NASA endeavors in space.

When asked about the end of the Soviet competition, Blaha stated that "I'm glad to be an American." This was in reference to the superior quality of American technology. Also, the Soviets were not competition because they had decided to take a different route than the United States.

Blaha mentioned that he had recently visited the ex-Soviet Union,



Col. Blaha, above, spoke to a most full audience last night about space exploration.

and discussed space exploration with cosmonauts. When speaking to a cosmonaut from a Soviet space station, he discovered that long-term exposure to microgravity appears to have little effect on the human body if exercise is regulated each day.

When Col. Blaha was asked what was his opinion of the major problem that NASA faces, his answer was very interesting. Blaha believes that NASA faces a "credibility gap" following the Challenger accident.

Congressional testimony shows that no one is keeping in touch with NASA.

Blaha's remedy is for NASA to demonstrate its abilities by performance. Briefing the government on results may produce better opinions.

As for the country's lack of interest in the space program, Blaha could not comment except upon the difference between now and back when the space program began.

## Mir must be replaced

Associated Press

A top Russian space official says the 6-year-old space station Mir must be replaced in a year and a half and suggests turning to the West for help, a newspaper reports.

Yuri N. Koptev's comments in Izvestia on Thursday were the latest dismal report on the once-proud Soviet space program.

Earlier this week, military construction troops rioted at the launch facility in Kazakhstan in a protest over low pay, bad food and hazing. Three people died.

One of the two cosmonauts aboard the Mir is approaching a new space duration record involuntarily because the turmoil back home on Earth has delayed his replacement. Both are to return next month.

"Mir has been in operation for a long time," said Koptev, general director of the Russian Space Agency. Its base module will have to be replaced within 12 to 18 months. It is an expensive project.

"We do not exclude attracting foreign capital and forming a joint stock company for joint use of the Mir station," he said.

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# Special edition Pontiac in honor of Petty

Press Release

PONTIAC, Mi.- Pontiac is marking the 1992 Fan Appreciation Tour by "The King" of NASCAR with a special edition Richard Petty Grand Prix SE coupe, available to just 1,000 Petty fans.

The signed Petty Grand Prix marks the 35 years of racing in which Petty scored 200 victories and won seven Winston Cup championships.

"We've been very fortunate to have NASCAR's winningest driver on the Pontiac team for the past 11 years," says Pontiac General Manager John G. Middlebrook. "So it's in tribute to the 'The King' that we make this special edition Grand Prix available in limited quantities to the fans he has thrilled for more than three decades."

With the super speedway looks of Pontiac's aero performance package and the high performance of the 3.4 liter Twin Dual Cam V6 engine, the Petty Grand Prix SE coupe is available in either a bright white, bright red or bright blue metallic exterior

## Active suspension gives the edge in Formula one

By Jon Eichelberger  
Mechanical Technology Editor

The Williams-Renault dominated the first race of the Formula 1 season, taken first and second place with Nigel Mansell taking top honors.

It is clear that the Williams team has a technological advantage, at the moment, over its competitors. Their new cars incorporate an active suspension that has been thoroughly tested by the Williams team to make sure it will withstand race conditions.

The system is similar to the active suspension that Lotus has been developing for the past several years.

The Williams system uses oil in its system instead of air; the pressure is computer controlled. This system replaces the old shock and spring

mechanical system, which withstood the first attempt of active suspension in Formula 1 back in 1985. The systems in '85 used air and were not reliable enough to survive in Formula 1.

With the testing Williams has performed, they are out to set the new technological trend for the season, proving the system reliable.

During the African Grand Prix the system gave the Williams car the edge to win over its competitors. The in-car cameras told the story during the race. While Senna, in the McLaren-Honda, was fighting with the steering and dealing with the harsh ride, Mansell's ride was smoother and less steering input was needed from him to make it around the track.

The Williams edge might not last, with Honda's new cars arriving soon with a similar active suspension.



"The King" with his special edition Grand Prix that will be produced in limited numbers.

on which a "Richard Petty Edition" decal graphic appears on the doors and the rear end panel.

In addition, the Petty Grand Prix features specific pinstripes, "Richard Petty" signature on the rear section of the trunk lid, a rear spoiler with center high-mounted stop lamp,

color key highlights on crossface aluminum wheels and a special "Richard Petty Edition" graphic interior.

Three levels of the Pontiac Excitement are available on the Petty Grand Prix, depending on optional content such as custom

trim, five-speed manual transmission and steering wheel radio controls.

The special edition Petty Pontiac, along with the remainder of the Grand Prix line, is produced exclusively at the General Motors C-P-C Fairfax (Kansas) Assembly Plant.



Corrado will not be the only one getting the VR6 engine, the new Jetta and Passat are next.

## Electric against emissions

Associated Press

LINTHICUM, Md. - Chrysler Corp. and Westinghouse Electric Corp. formed a partnership aimed at making an electric car to rival vehicles being developed to comply with tough new California emissions rules.

Westinghouse spokesman Kelly Overman said Chrysler initially expects fleet buyers would be interested in the car, but the company would also try to sell it to residential users.

He would give no estimate of the vehicle's retail cost, but said it would be competitive with gasoline-powered cars.

Automakers have been trying for decades to develop an electric car that can match the speed, distance and cost of conventional cars.

General Motors has produced an electric car that can travel for about 120 miles at 55 mph before a 6-to-8 hour recharge is necessary. Nissan has said it has a car with similar range that requires 15 minute recharges.

GM said it plans to have an elec-

tric car in showrooms in three years.

A California law requires that 2 percent of cars sold in the state, roughly 40,000 cars, be free of tailpipe emissions by 1998. That percentage will rise to 10 percent by 2003.

Westinghouse officials Tuesday displayed a test model of a vehicle, called TEVan, which has the body of Chrysler's Dodge Caravan and an electric motor developed by Westinghouse.

Overman said versions of the vehicle should be able to go 200 miles between battery charges by the late 1990s. It could be recharged at home in a standard socket.

"You take a cord and plug it into the wall. You go to bed, you wake up and you're ready to go for sure," said Overman.

The companies plan to have the vehicle accelerate from zero to 60 miles per hour in under 15 seconds. The TEVan now requires 25 seconds for such acceleration, Overman said.

GM's Impact can go from zero to 60 mph in about eight seconds.

## Automotive news corner

-Volkswagen is taking advantage of the performance of their narrow angle V6. The new Jetta gets the VR6 in the top-line GLX version and will be priced between \$16,500 and \$18,000. The Jetta III, as it will be badged, is based on the new Golf III platform and both will be available this November.

The Passat will also be getting the VR6 engine in its GLX model and will be priced around \$20,000 when it is debuted in July. This replaces the 16 valve four cylinder, but the VR6 will not be available in the other Passat versions.

-Mazda and Chugoku Electric Power Co. are developing an electric Miata, that has become \$1.2 million investment. The Miata will have top speed of 87 m.p.h., goes zero to 25 m.p.h. in 4 seconds and will travel 112 miles on a single 8 hour charge.

-Fords new Special Vehicle Team has announced another vehicle in the works and this time it is a truck. An F-150 will get a modified 5.8 liter V8, and a upgraded suspension to give better cornering performance.

The F-150, which has no name yet, will hopefully have a production run of 10,000, and will begin production, along with the Mustang Cobra, in the beginning of 1993.

-Daihatsu has pulled out of the American market, stating that low sales and the high cost of meeting U.S. emissions and safety regulations as the reason. The company, which has sold 50,000 cars since 1987, only sold 8963 cars and trucks last year, a 41 percent drop from 1990. They will continue to sell vehicles for commercial use, along with keeping a parts distribution operational.



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- \* Fina Pitts, Jan Colimer
- \* Mikoyan Mig-17, Doug Schultz
- \* P-51 Mustang, Lee Lauderback
- \* B-17 and B-25 Bombers
- \* AT-6 Texan, Gene McNeely
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- \* F-16 Demonstration

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| S-3    | F-18        |
| A-6    | F-111       |
| EA-6   | AV-8B       |
| A-10   | T-34        |
| OV-10  | T-2         |
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## AOPA to help aspiring CFIs

By Bryan Gross  
Aeronautics Editor

The Aircraft Owners and Pilots Association (AOPA) has put an emphasis on helping aspiring flight instructors as well as those who are already certified to instruct.

The Air Safety Foundation, operated by AOPA, is planning on increasing the number of sites of their Flight Instructor Refresher Clinics to cities around the U.S. to 83 in 1992. Most of the new locations will be in the West, including Salt Lake City and several cities in California.

The popular classroom revalidation course offered to CFIs is now being opened up to commercially rated pilots who are prospective instructors. This comes in response to the 30 percent failure rate nationwide of first-time CFI applicants. This rate reaches as high as 90 percent in some FAA districts.

"By reducing course tuition to \$100 for non-CFIs, we hope to encourage their early participation, thereby improving their eventual performance during FAA practical tests," said Frank J. Whyte, Foundation vice president.

The current price of the weekend clinic is \$135 for the revalidation program.

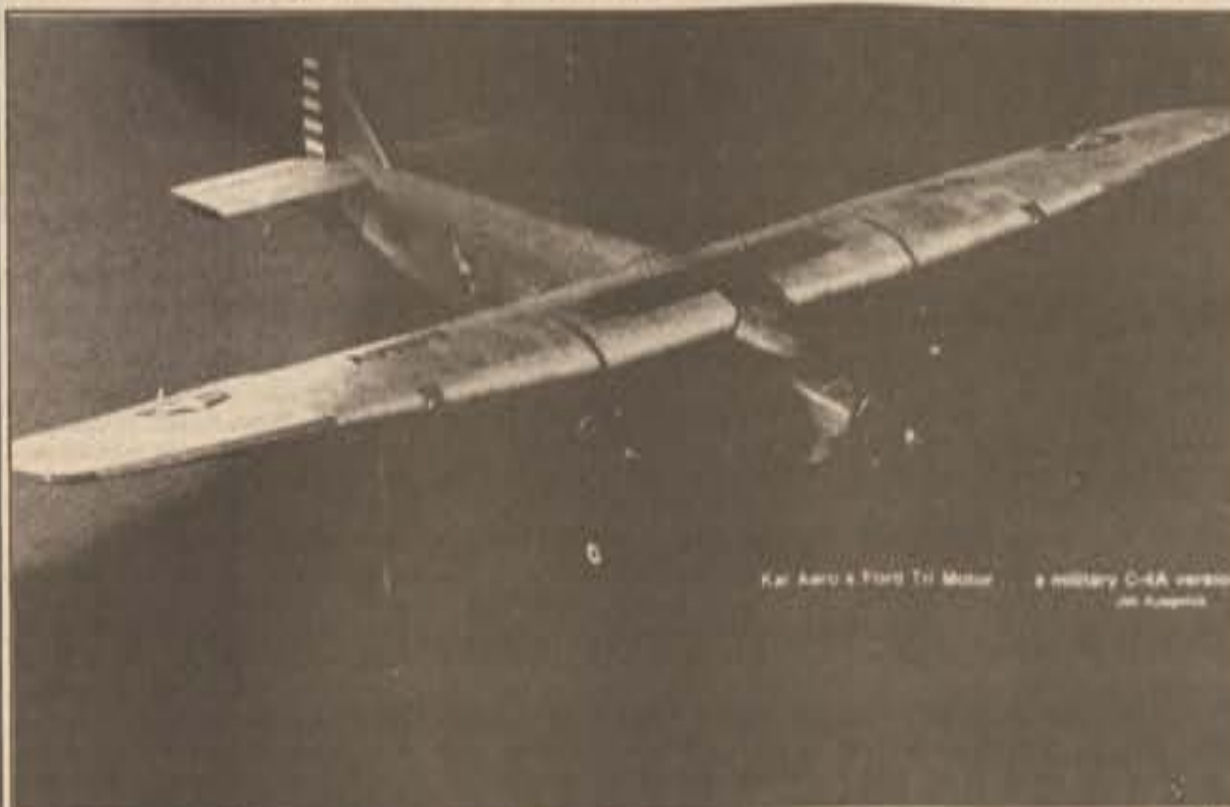
Seventy-five hundred flight instructors attend the Air Safety Foundation's courses each year. The large number of applicants allows them to recruit some of the best instructors in the country.

In operation since 1976, the course now emphasizes regulations, airspace, instructional techniques and human factors.

"FAA inspectors tell us that the majority of these failures involve applicants who may have the flying skills, but lack the in-depth knowledge of the wide-ranging subject matter expected of CFIs," commented Whyte.

Those attending the course receive a reference library to support their next two years of flight instructing.

## Oshkosh offers visions from around the world



The Ford Tri Motor (a military C-4A version), affectionately nicknamed the "Tin Goose," represents the early years of commercial aviation at Oshkosh.



The General Dynamics F-16 is the other end of the technology spectrum at Oshkosh.

By Brandon Denzer  
Aeronautics Reporter

Although the 40th Annual Experimental Aircraft Association (EAA) Fly-In is a little more than four months away, now is the time to make plans for this event. With the massive attractive force this airshow has with the public, early preparation would be wise. You do not want to miss out on the best airshow in the nation, held this year from July 31 - August 6.

The driving force behind the success of the Convention, held in Oshkosh, WI, is its diversity. For those who just like to stroll amongst the aircraft, approximately 13,000 aircraft attend.

Aircraft including homebuilts, antiques, Warbirds, ultralights and aerobatic performers can peek the interest of anyone. One can easily spend an entire day along the 8,000 foot flightline inspecting all the aircraft.

The diversity does not stop with just the aircraft. It carries over to the people who attend. The Convention draws individuals from many foreign nations.

At the international flightline, one could meet a pilot who flew the entire trip from Germany or speak with a commercial pilot from Australia. No other airshow has as much international attention or participation.

The EAA offers much to the public to increase the diversity already present. Hundreds of forums and seminars are presented throughout the show to the public. These informative lectures will spark the interest of pilots, mechanics and engineers with topics such as navigational aids, fiberglass molding and new composite structures brought into light.

The four exhibit halls are packed with national manufactures of aviation accessories showing off the latest products. This allows the visitors to get a "sneak peek" at what is available to them.

Over in the Fly-Market, articles such as clothing, aviation books, posters, memorabilia and used aircraft parts may be purchased.

The main attraction at the EAA Convention is, naturally, the air-

shows themselves. Each day has a scheduled list of performances.

On occasion, aircraft manufactures will fly their products during an airshow as a way to give the public a chance to see what is available on the market. Performances from some of the top aerobatic stunt flyers also contribute to the schedule.

Each day has a different theme which allows a different style of aircraft to be emphasized.

One day the antiques get to fly, and then the next day the homebuilts have an opportunity to steal the spotlight.

The largest and most popular airshow is given by the Warbirds. Aircraft previously used in military service as well as ones currently in service are flown for an entire afternoon.

Since the airshow draws a little less than one million spectators each year, one should make plans early.

The Convention has several options for those wishing to attend. The first is the campsite which the EAA operates. People from around the nation drive to Oshkosh and camp at the airshow.

The second option is for those who wish to fly to the convention. The EAA does have a facility to tie down aircraft and the EAA allows the owner to camp out under the wing. The last option is to stay at a hotel in the area.

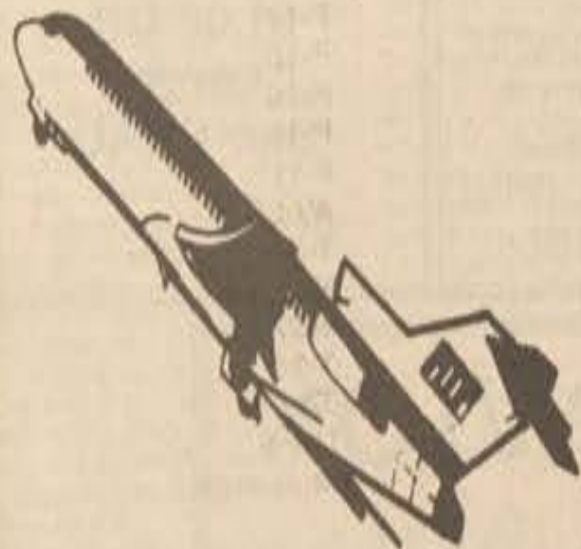
Since all these options can only accommodate so many people, time is critical. If you wish to attend the airshow, you should act now.

The campsite and aircraft areas have, in the past, closed days before the show begins because of the number of arrivals. Hotels are usually booked full two months prior to the festivities beginning. Write or call the EAA about the options now.

No one will want to miss all that the EAA Fly-In has to offer. The informative seminars and workshops provide a foundation for learning about the aviation industry while the exhibits provide a look at what is currently happening in the aviation society. Finally, the agency and manufacturer displays give a glance as to what is coming to the aviation world. All this is done in one place during one week, even as the planes are flying overhead.

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## Begin: Steelfighter, gentleman, emotional intellectual.

By Marcus Ellason  
Associated Press Writer

JERUSALEM - Menachem Begin was part scrappy streetfighter, part courtly European gentleman. He was a Churchillian orator with a keen sense of the sound bite. His austere intellect could burst without warning into flights of emotion.

He was a Jewish-Israeli nationalist to his fingertips, yet unlike the rough-hewn farmer-soldiers who founded Israel, those fingertips were always manicured. He loved to kiss a lady's hand, and rarely appeared in public without a suit and tie.

He could be exasperating, especially when hectoring those who disagreed with him. He could be downright funny, even self-parodying.

Emerging from the State Department one day, he spotted an Israeli reporter on his knees fiddling with his microphone. "On your feet!" he playfully upbraided the reporter. "A proud Jew does not bend his knee in the American State Department!"

When he slipped in his bathroom and broke his hip, a newspaper columnist accused him of covering up the gravity of the injury. From his hospital bed, Begin dictated a 2,500-word response, minutely detailing the mishap.

"I tried to get up. I couldn't. I groaned with pain. I tried to call my wife for help but she couldn't hear because the radio I had with me was playing too loudly.

"She happened to come in to wash her hands. She opened the door and saw me lying on the floor. She asked: What happened to you? I replied: I fell. She said: So get up. I replied: "I can't."

See Begin page B5

## Former Prime Minister Menachem Begin buried Monday in Jerusalem

By Karin Laub  
Associated Press Writer

JERUSALEM - Former Prime Minister Menachem Begin was buried Monday after being carried to his grave on the Mount of Olives by aging comrades in arms from Israel's war for statehood.

Thousands of Israelis, some in tears, accompanied Begin's body to the cemetery in Arab east Jerusalem where he was laid to rest next to his beloved wife, Aliza.

Begin, who died Monday at age 78, was a giant of the Jewish state, but he wanted and got a people's funeral. There was no coffin. He was carried to the grave on a stretcher, wrapped in a prayer shawl.

With Begin's death, his friends finally began to explain the riddle of his 1983 resignation. They confirmed what most Israelis long suspected. He stepped down because he was depressed over his wife's death a year earlier and because of the rising Israeli death toll in the Lebanon war.

The complexities of the Arab-Israeli conflict lent symbolism to Begin's funeral.

The Jewish cemetery on the Mount of Olives predates the conflict, but the area is in the part of Jerusalem that Israel captured in the 1967 Middle East war and annexed. Begin's burial there can only stiffen Jewish resolve to hold on to the area.

Some branded Begin a terrorist for the tactics his underground army, the Irgun, used to oust the British and achieve Israeli statehood. Begin always called his guerrilla years his finest moment, and aging comrades honored their commander by carrying the stretcher with the body to the grave.

They brought a handful of earth

from the grave of Irgun men hanged by the British. At the end of the funeral, some mourners unexpectedly sang the anthem of Betar, Begin's ideological movement.

Otherwise, the ceremony was broken only by the occasional sobs of Begin's daughter, Hasia. His other daughter, Leah, also attended, along with some grandchildren.

His son Benjamin, a 48-year-old member of Parliament who is considered a possible future prime minister, recited the Jewish prayer for the dead. He wore an open-necked shirt with collar ripped in a traditional mourning gesture.

Begin's three children spent most of the past six days by his hospital bed in Tel Aviv. He had been on life-support machinery since suffering a heart attack last week.

Prime Minister Yitzhak Shamir watched silently as sacks of soil were dumped in the grave and a plain marker with Begin's name was stuck in the earth.

The diplomatic corps was not invited, and the speedy burial left no time for foreign dignitaries to arrive. But Egyptian Ambassador Mohammed Bassiouni attended privately, as a gesture to the man who made peace with his country in 1979, Israel army radio said.

Begin's body was brought to Jerusalem, then driven across the city through throngs of mourners.

The graveside enclosure was too small to accommodate the crowd, but after the VIPs left, others filed by the grave: young and old, men and women, all bundled against the evening chill.

Israel television and radio stations broadcast the ceremony live.

Begin was remembered primarily as the man whose ready response to an offer from the then-Egyptian president, Anwar Sadat, led to

Israel's only peace treaty with an Arab neighbor. The achievement earned them the 1978 Nobel Peace Prize.

After negotiating that peace, Begin ordered the bombing of Iraq's nuclear reactor in 1981 and sent the army into Lebanon the following year to drive out the Palestine Liberation Organization.

In 1983, he resigned and went into seclusion.

Yaakov Meridor, a friend from guerrilla days, disclosed Monday that Begin had said he couldn't face the daily protests against the Lebanon war in which placards were hoisted with the number of Israeli soldiers killed more than 600 by the time Israel quit Lebanon in 1985.

"It weighed on him very heavily," Meridor told army radio.

Samuel Lewis, who was U.S. ambassador to Israel and worked closely with Begin, said the resignation "remains a mystery," but he believed the main reason was his wife's death in 1982 while he was visiting the United States.

"He always felt very guilty, unfairly guilty for not having been at her side," Lewis told Israel radio.

Begin was born Aug. 16, 1913, in the then-Polish city of Brest-Litovsk. He studied law and married Aliza Arnold in 1939.

His family was murdered by the Nazis, but he escaped, reached Palestine in 1942 and took over the Irgun. The Irgun's most famous operation was the 1946 bombing of the King David Hotel, then the British military headquarters, in which nearly 100 British, Jews and Arabs died.

After Israel won statehood in 1948, Begin was elected to parliament. His Likud bloc came to power in 1977.

## Secret Soviet atomic city will remain sealed

By Doug Mellgren  
Associated Press Writer

STAVANGER, Norway - Atomic cities where the Soviet Union secretly housed thousands of nuclear scientists will remain closed to protect the world from their doomsday weapons, the mayor of one of the cities said Monday.

"Our country, Russia, is trying to protect you the outside world from that technology," said Velory Takayev, mayor of Arzamas 16, a city of 80,000 people that appears on no map but is about 300 miles east of Moscow.

Arzamas, Takayev said, "will be a closed city for an indefinite time."

Western experts fear that Soviet scientists, losing their privileges and jobs, might sell their skills to Third World countries aspiring to membership in the nuclear club.

The cities where the scientists live also have stockpiles of atomic war-

heads and other nuclear material.

"There is extensive organized terrorism in the world. If they got our technology, it would be a catastrophe for the world," said Takayev.

Takayev said Arzamas 16 was once the most secret of 10 cities the Soviets created in Russia as nuclear weapons production and development centers during the 1940s and 1950s.

Andrei Sakharov, the late physicist and Nobel Peace Prize winner, worked for 18 years in Arzamas 16 and was denied permission to travel partly because of the secrets he learned there.

Takayev said through an interpreter that his city, where the Soviet hydrogen bomb was developed, was "built around a nuclear research center and was surrounded with such secrecy that it was not even on a map."

See Atomic page B5

## Isolating Asthma gene

Associated Press

LONDON - British researchers say they are close to identifying a gene that causes asthma, a discovery a U.S. expert says could be a key step toward developing new ways to treat the disorder.

Asthma, which affects about 1 in 20 people, causes air passageways to narrow during attacks. Medication is used to control the condition, but there is no cure.

Dr. William Cookson of Oxford University said Sunday his team has determined that the asthma gene is among a stretch of 100 genes on the 11th chromosome. Scientists have long suspected the gene they are looking for is one of thousands on the 11th chromosomal pair.

Dr. Allan Weinstein, a clinical professor of medicine at Georgetown University and consultant to the allergy section of the U.S. National Institute of Health, said,

"it's always been clear asthma tends to follow a hereditary basis, but it's also been clear that other factors such as the environment and/or infectious diseases can influence the development of asthma."

"It's also been thought that asthma involved more than one gene, which may still be the case," he said.

"This finding on chromosome 11 is an important discovery that awaits scientific publication and requires confirmation," he added.

It could lead to a genetic test for asthma "and over a period of many years some form of genetic or drug therapy for asthma that would be new and different than what is currently on the market," he said.

Cookson said the research is still in its planning stages and has not been submitted for publication in a scientific journal, but, "If we do turn up with a gene, it opens up all sorts of possibilities to block the action of the gene."

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## THE AVION

**Monday nite:**  
Free pizza to all those who work on the paper.

**Wednesday nite:**  
Staff meeting allstaff welcome and new members needed for positions..






## \$1000 scholarships

Orville Redenbacher's is presenting their Second Start Scholarship Program for 1992-1993. Twenty \$1,000 scholarships will be made available to qualifying students for the 1992-1993 school year. Applications will be accepted from March 1 to May 1, 1992. Eligible students must be 30 years or older, at the time of application. The scholarship recipients may enroll in either an associate, bachelor or graduate degree program at an accredited college or university, and can attend either full- or part-time.

All applications will be screened by an independent judging panel, which includes administrators in the field of financial assistance and continuing education. A check for \$1,000 will be sent to the recipient's financial aid officer made out jointly in the name of the student and the college. The grant will then be credited to the student's account upon endorsement by both parties. The receipt of individual applications cannot be acknowledged.

Students and schools can receive information and applications by writing: Orville Redenbacher's Second Start Scholarship Program, PO Box 4137, Blair, NE 68009.

## Poetry contest

The National Library of Poetry has announced that \$12,000 in prizes will be awarded this year to over 250 poets in the North American Open Poetry Contest. The deadline for the contest is March 31, 1992. The contest is open to everyone and entry is FREE.

Any poet, whether previously published or not, can be a winner. Every poem entered also has a chance to be published in a deluxe, hardbound anthology.

To enter, send ONE original poem, any subject and any style, to the National Library of Poetry, 11419 Cronridge Dr., PO Box 704-PP, Owings Mills, MD 21117. The poem should be no more than 20 lines, and the poet's name and address should appear on the top of the page. Entries must be postmarked by March 31, 1992. A new contest opens April 1, 1992.

## Cheerleading clinic

The cheerleading squad will be holding a Spring clinic for cheerleaders and dancers on March 23 - 26. Tryouts will be held Saturday, March 28. All interested persons should pick up an application in the Athletic Office by the pool or the Student Activities office. Applications must be completed and returned by March 20.

Any questions, please contact one of the above offices.

## Mock trial to be held

The Pre-Law Association of Aviation Students will host a mock trial against the University of Florida, on Saturday, March 28 at 12:00.

The trial will be held at the Volusia County Courthouse at 125 East Orange Street, Daytona Beach.

The case being tried revolves around a fictional high school student who has been removed from his high school basketball team because he has been infected with the AIDS virus. Embry-Riddle will play the part of the plaintiff, and U of F will play the defendant. All students, staff and faculty are welcome. For further info, contact Jon Jackson at 756-5678.

## Avion looking for members

The Avion newspaper is always looking for new writers, copy editors, photographers, production and layout people. If there's ever been anything in this paper that you have wanted to change, come on up a make a difference.

No experience is necessary, and we will give you as much help and information as you need.

Meetings are Wednesday nights at 7:30 p.m., so come on up.

## Affordable vacations

AYH hostels make a fantastic winter holiday in the U.S. possible for travelers on a budget. With today's high-priced hotel/motel rooms, AYH hostels provide a real alternative in accommodations for cost-conscious travelers. Overnight fees at AYH hostels average just \$7-15!

Like to ski? Whether your choice is Alaska, New England, Pennsylvania, the Great Lakes, Colorado's Rocky Mountains, New Mexico or California's eastern Sierra Mountains - you won't have to pay ski resort prices. AYH hostels throughout these popular areas make a ski holiday affordable, whether you choose downhill or cross-country skiing.

Do you prefer warm weather and sunny beaches? Bask in the sun on one of Florida's famous beaches, enjoy the Gulf Coast, explore California's Pacific Coast shores from San Diego to San Francisco, or stroll Waikiki Beach in Hawaii. You won't find "high season" prices at AYH's sunny locales in the winter.

Not only are the overnight fees at AYH hostels low-cost, there are also numerous discounts available to those who join AYH, ranging from ski rentals, lessons and lift tickets, to sailing, snorkeling and auto rentals.

AYH hostels provide dormitory-style accommodations for travelers of all ages, with separate quarters for males and females, fully equipped self-service kitchens, dining areas and common rooms for relaxing and socializing. Most AYH hostels have family rooms which can be reserved in advance. Many AYH hostels also welcome groups as well as individual travelers and vacationers.

To find out about joining American Youth Hostels, write or call for our free brochure, "Explore the World." AYH members also receive a free copy of "Hostelling North America: A Guide to Hostels in Canada and the United States." It's full of information about hostels in the U.S. and Canada and what to see and do at more than 300 different locations. (Non-members may purchase a copy for \$5 plus \$2 postage and handling.)

Send to:

American Youth Hostels  
Dept. 481  
P.O. Box 37613  
Washington, D.C. 20013-7613  
(202) 783-6161

## Pianist to perform

Daytona Beach Community College is please to announce the return of one of this area's favorite artists, Alan Mason, who will perform classical works for the piano in a one-time only performance. Included in Mr. Mason's program will be compositions by Johannes Brahms, Domenico Scarlatti, Maurice Ravel and Franz Schubert. The performance will take place on Friday evening, March 20 at 8:00 p.m. Tickets are on sale at the Theater Center Box Office, Monday through Friday from 11:30 until 2:30 and one hour before showtime. Tickets cost \$3.00 for reserved seating.

Biography:

Alan Mason is a graduate of the Manhattan School of Music where he was awarded the Bachelor of Music degree in 1980 and the Master of Music degree in 1982, graduating with Honors and Distinctions. Mr. Mason is presently a full-time student of the University of Miami where he is a candidate for the Doctor of Musical Arts degree.

Alan Mason made his solo recital debut at Carnegie Hall in 1986. He had previously been presented on the Young Artists series at the Lincoln Center for the Performing Arts in 1983. A frequent performer in the New York area, Mr. Mason has appeared at the Museum of the City of New York, the New York Historical Society and on numerous broadcasts over WQXR-PM station of *The New York Times*.

In addition to numerous concert appearances in the Daytona area, Alan Mason has performed at Stetson University, Rollins College, U of F, Seminole Comm. College and the Ormond Beach Performing Arts Center.

## Journalism scholarship for sophomores

The Dow Jones Newspaper Fund, Inc. announces the 1992 minority reporting intern scholarship competition for college sophomores. You may be one of 15 minority college students to receive a \$1000 scholarship from the Dow Jones Newspaper Fund in Fall 1992 if you successfully complete a paid reporting internship at a daily newspaper during Fall 1991, Spring 1992 or Summer 1992.

How the program works:

Use our toll-free number, 1-800-DOWFUND, to request an application.

Sophomores receive an application form and a list of newspapers that have told the Fund they will consider minority college sophomores for reporting internships.

Students who arrange internships and work as paid newspaper reporters apply to the Fund, submitting clips, a resume and an essay on practicing journalism.

Deadlines:

January 2, 1992, through June 1, 1992 - The Dow Jones Newspaper Fund will mail the list of interested newspapers to schools, professional organizations and students.

January 2, 1992, through August 28, 1992 - The Fund will mail scholarship forms to schools, newspapers and students.

September 1, 1992 - Applications must be postmarked by this date.

Fall 1992 - Fifteen students will be awarded scholarships.

What to do right away:

To request a 1992 scholarship application form and a list of newspapers interested in hiring college sophomores for reporting internships in 1992, from a push-button phone call:

1-800-DOWFUND

or write to:

Dow Jones Newspaper Fund, P.O. Box 300, Princeton, N.J. 08543-0300  
609-452-2820

Why we sponsor the program:

The Newspaper Fund is committed to increasing the number of minorities working in the newspaper industry. We define minorities as U.S. citizens who are Black, Hispanic, American Indian or Alaskan Native, and Asian or Pacific Islander.

## SAFAM to perform

On Saturday, March 21, Daytona Beach Community College will present the #1 Jewish Musical Group in America, SAFAM. This performance by the creators of the Jewish-American Sound will be at 8:00 p.m. at the Theater Center, Bldg. 8. Tickets can be purchased at the Theater Center Box Office Monday through Friday, from 11:30 to 2:30 p.m. or one hour before the show. Prices are \$16.00 for adults and \$8.00 for children.

The new wave in Jewish music comes from the Boston-based six man band - SAFAM. Since 1974, SAFAM has revolutionized the world of Jewish music with its creative blend of contemporary and traditional melodies and themes. Their unique approach to Jewish music has affectionately become known as the Jewish-American Sound.

SAFAM is widely recognized for its original compositions that focus on Jewish and universal issues. Songs like "Leaving Mother Russia," "Amnesty" and "Just Another Foreigner" have become classics and have kept SAFAM at the forefront of the Jewish music scene.

With seven recordings to its credit, SAFAM has already earned a vital place in mainstream Jewish-American culture.

## Begin

(continued from page B4)

He would lace his remarks with Yiddishisms. Gazing at the Pyramids from an aircraft, he wondered "how they ever schlepped those rocks up there." Forbidding an Israeli political rival to visit Morocco, he exclaimed contemptuously, "Morocco, Schmorocco!"

At the same time, the proud Israeli saw himself as a direct spiritual descendant of the ancient Hebrews. He celebrated his birthday only by the Jewish calendar, and when he came to office in 1977, aides were hard put to give his birth date by the Western calendar, or to say how he spelled his first name in English.

"Garibaldi was a lifelong republican, but he accepted a monarchy because it was the only way to unite his country," Begin explained.

This was the key to understanding Begin. In 1948, in a tearful radio broadcast, he told his extremist underground army to surrender its arms to the newborn state of Israel. Begin understood that the alternative was civil war.

Only an Israeli politician of towering stature and vision could have yielded the Sinai Desert in its entirety, as Begin did in 1979. Painful though it was to uproot Israeli settlements and surrender strategic real estate, peace with Egypt was a loftier goal, he said.

The peace treaty was sweet comfort after all the years of being called a hard-liner, an extremist and a terrorist.

## Atomic

(continued from page B4)

Takayev, who came to western Norway to visit a group sending 40 tons of humanitarian aid to Arzamas 16, said, "Luckily, there is no mass exodus from these institutions," and added that no scientists assigned to any secret cities have left them yet.

"But we can say that if those living there have a big decline in their living standards, we can imagine that it would be natural for them to seek something better," Takayev said.

"If two, three or four really left and ended up somewhere, I don't think they could" develop a nuclear bomb for another country, he said.

"Each has an extremely narrow scope of knowledge and they would need a very large number of them to make a bomb.

"But if enough refugees ended up in the same place. They could develop a nuclear bomb. It would not be perfect but it would be good enough," he said.

Takayev said Russian President Boris Yeltsin visited his city Feb. 28, signing declarations that guaranteed housing and a good living standard for the scientists.

In the first step toward the implementation of free-market reforms, Russia since Jan. 2 has enacted a series of economic reforms that have created widespread hardships.

There have been reports some Third World countries are trying to coax Soviet scientists abroad with offers of salaries multiples higher than what they get at home.

Takayev said that when he started work at Arzamas 30 years ago, he signed a declaration promising that if ever left his job at the secret city, he would remain in Russia for a certain number of years. He said he was sure others had signed the same agreement and it would be difficult for them to get exit visas.

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# Proposed Student Government Association constitution

→Changes in the Constitution: This is the proposed Constitution which will be voted for ratification on Wednesday, March 11. The black bars indicate reworded passages. The bold text represents distinct changes from the old Constitution.

## SGA CONSTITUTION

Daytona Beach Campus

**PREAMBLE**  
The undergraduate students of Embry-Riddle Aeronautical University establish this Constitution as a means to guide the Student Government Association (SGA) in its goal to promote the internal unity and welfare of the student community. Additionally, it provides a framework around which undergraduate students may respond to the challenges of a democratic society through the process of elective student government. Through this Constitution, the SGA strives to uphold fundamental human rights and individual responsibilities while recognizing and acknowledging the professional principles upon which this University was founded.

### ARTICLE I RIGHTS AND FREEDOMS

The following rights and freedoms are inherent in the undergraduate students of Embry-Riddle Aeronautical University:  
Section 1. All undergraduate students and recognized student organizations shall be entitled to all rights guaranteed to persons under the Constitution of the United States and its amendments therein, the State of Florida and Embry-Riddle Aeronautical University.  
Section 2. The right to establish and maintain a democratic student government in which each member of the Student Government Association (SGA) shall have an equal right to participate within the provisions of referendum and initiative. Students shall have the right

through their SGA and its designees, to participate in the making of University policies, via recommendations, and the right to petition for changes in either academic or non-academic regulations.

Section 3. The right in the classroom to freedom of expression, discussion and inquiry related to the course. The right to fair and unbiased evaluation during and after completion of the course based solely upon academic performance which is to be defined by the professor of that class in the first meeting of the semester.

Section 4. In accordance with Embry-Riddle Aeronautical University policy and the Family Education Rights and Privacy Act (Section 513 of Public Law 93-380, Education Amendments of 1974) subsequent amendments, students have the right of access to their official records as described in the act. This includes the right of protection against any disclosure of information by the University concerning a student's views, beliefs, or political associations. The right to privacy with regard to a student's records shall be upheld, except by the student's own expressed permission, or under valid court order. Academic records may be referred to by appropriate University personnel.

### ARTICLE II THE STUDENT GOVERNMENT ASSOCIATION

Section 1. Purpose: The purpose of the SGA shall be:  
A. To strive to achieve the goals as outlined above in the Preamble.  
B. To enhance undergraduate student life at ERAU through the provision of services, events, and representation.  
C. To provide a means for undergraduate students to address issues with the administration.

Section 2. Organization:  
A. Branches: The SGA shall be composed of four branches. The first of these is the Executive Branch. Second is the Legislative Branch, hereinafter called the Student Representative Board

(SRB). Third is the Judicial branch, hereinafter called the Student Court or The Court. Fourth is the Financial branch, hereinafter called the Student Finance Board (SFB). The purpose of these branches is defined in Article IV Sections 1-4.

B. Divisions: The Divisions of the SGA shall consist of the Avion Newspaper, Entertainment Committee, and Phoenix Yearbook. Additional divisions may be added by Constitutional Amendment in accordance with Article VIII and Article IX. The purpose of each of these divisions is defined in Article IV Section 5.

C. The SGA Advisor and Secretary/Treasurer shall be ex-officio, non-voting members of the SGA.

### ARTICLE III SGA MEMBERSHIP

Section 1. General Membership:  
A. Any undergraduate student, as defined in the current University catalog, is eligible to be a member of the SGA.

### Section 2. SGA Officials:

- A. Officials of the SGA shall be:  
1) SGA President  
2) SGA Vice-President  
3) Chief Justice  
4) SRB Members  
5) SFB Members  
6) Avion Editor-in-Chief  
7) Entertainment Committee Chairperson  
8) Phoenix Yearbook Managing Editor  
9) Chairpersons of any future divisions (Chairpersons will not be officials of the SGA until the future division has been ratified).

B. Qualifications to be appointed or elected to an official position:

- 1) Must not be on disciplinary probation as defined in the current University catalog.
- 2) Must be at least a part-time student on the Daytona Beach Campus holding a minimum of six (6) credit hours per semester. The individual must also have been at

least a part-time student on this campus holding a minimum of six (6) credit hours for at least one (1) full semester prior to placement in office. For the purpose of meeting this qualification, summer terms A and B combined comprise one complete semester. However, a student must be enrolled for at least three (3) credit hours per summer term.

3) Must have at least a 2.5 cumulative grade point average (CGPA) as verified by the SGA Advisor.

4) Must attest, in writing, to the intent of remaining an undergraduate student, pursuing not less than six (6) semester hours of credit per semester on the Daytona Beach Campus throughout his/her term in office. Term encompasses approximately one year. For purposes of meeting this qualification summer terms A and B combined make one complete semester. However, a student must be enrolled for at least three (3) credit hours per term.

C. Qualifications to serve as an official of the SGA:

- 1) Must not be on disciplinary probation as defined in the current University catalog. Placement on disciplinary probation will result in immediate and automatic dismissal from the SGA.
- 2) Must be at least a part-time student on the Daytona Beach Campus holding a minimum of six (6) credit hours per semester. The individual must also have been at least a part-time student on this campus holding a minimum of six (6) credit hours for at least one (1) full semester prior to placement in office.
- 3) Must maintain at least a 2.25 cumulative grade point average (CGPA) as certified by the SGA Advisor.

### ARTICLE IV SGA BRANCHES

Section 1. The Executive Branch:  
Purpose: To insure the overall mission of the SGA is carried out.  
The Executive Branch shall consist of the President, Vice-President and Secretary/Treasurer.

The President shall:  
1) Bear ultimate responsibility for activities conducted by the SGA and its organizations within.

2) Shall coordinate and communicate with SGA Officials to further the interest of the undergraduate students at the University.

3) Have the responsibility to review all resolutions and SGA Formal Proposals made and passed by the SRB or SFB within seven (7) school days of the resolution. The President must exercise his authority to veto within seven (7) school days or the resolutions and/or SGA Formal Proposals shall remain effective.

4) Publicly express the views and recommendations of the SGA.

5) Chair an SGA Executive Board Meeting at least once each semester for the purpose of coordinating the overall SGA function. This meeting shall include the Executive Branch, Chairpersons of Entertainment and the Student Representative Board, Chief Justice, Editor-in-Chief of the Avion, Managing Editor of the Phoenix and Chairpersons of any future division.

6) Hold an Open Student Forum twice per semester to inform the students of current campus issues and to receive student input and questions. This forum shall be scheduled at a time during the day when a majority of students are on campus. The format of a forum will be at the discretion of the SGA President.

7) Serve a term of approximately one year, to expire at the last SRB meeting of the Spring Semester and upon the installation of the newly-elected President.

8) Appoint students to serve on University Committees with the majority approval of the SRB.

9) Address the SGA at a monthly SGA meeting. This meeting shall be chaired by the SGA President. In addition to the Executive Branch, the Chief Justice, SRB Chairperson, and Division Chairpersons will attend. Division Chairpersons may designate another division member to attend if they are unable to. All members of SGA are encouraged to attend. A specific meeting day and time shall be determined and coordinated by the SGA President at a

time convenient for all SGA officials at the beginning of each semester.

10) Have the authority to call any necessary joint sessions of the SRB, SFB and Division officials.

11) Meet each month with the Vice-President of Student Life or his/her equivalent, to voice student views.

12) Act as primary representative at all community functions where the students' interests may lie; this authority may be delegated to other SGA members.

13) Serve as a voting member of the University Board of Trustees.

14) Have veto power over all legislation.

### B. The Vice-President The Vice-President shall:

1. Be chairperson of the SFB and shall cast a vote only in the event of a tie.

2. Delegate duties and responsibilities to members of the SFB as necessary to conduct the business of the SFB.

3. Act as a liaison between the SFB and all branches and divisions of the SGA.

4. Serve a term of one year to expire at the last SRB meeting of the Spring Semester and upon installation of the newly-elected Vice President.

5. Attend all SRB Meetings, as an ex-officio non-voting member, and report on the SFB in SGA Monthly Meetings.

### C. The Secretary/Treasurer The Secretary/Treasurer shall:

Be selected jointly by the SGA Advisor and the SGA President and shall hold this position until relieved by the SGA President and the SGA Advisor.

2. Perform the duties as directed by the current job description and title on file in The University department of Human Resources and the SGA, which shall be subject to amendment and/or approval by the SGA President and the SGA Advisor. The Secretary Treasurer shall also perform duties jointly assigned by the SGA President and SGA advisor.

3. Attend SRB, SFB, Executive



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and SGA Monthly Meetings as an ex-officio, non-voting member for the purpose of reporting on student services and to record the Minutes for the SRB, SFB and Monthly Meetings. If unable to attend, shall notify SGA president or the SGA Advisor who will then designate an individual to fulfill obligations.

D. Successor:  
1. Should the President vacate his office for any reason, the Vice President shall become the President until the next general election.

2. Should the Vice-President vacate his office for any reason, a replacement candidate shall be elected by a majority secret ballot vote of a joint session of the SRB and SFB. These candidates shall be nominated from the current members of the SRB and SFB. Any member of the SRB and SFB may nominate himself/herself or someone else on the SRB or SFB. Nominations must be seconded. There then must be a 2/3 majority vote of a joint session of the SRB and SFB to install the candidate-elect into office. The new Vice-President must immediately resign any other SGA offices currently held.

3. Should no official of SRB or SFB desire the position of Vice President, the President shall nominate a student at large for majority approval by a joint session of the SRB and SFB.

4. Should the President and Vice-President vacate their offices simultaneously for any reason, a new President shall be elected from the members of the SRB or SFB by a majority vote of a joint session of the SRB and SFB. The Vice-President's position shall then be filled according to Article IV, Section 1, Paragraph D-2.

Section 2. The Judicial Branch:  
Purpose: To protect the rights of the student body and advise them of their responsibilities within the parameters of the University policies and procedures manual and to render interpretations of the SGA Constitution.

The Judicial Branch shall consist of the Student Court Chief Justice and seven Associate Justices, hereinafter known as the "Court."

A. Membership:  
1) The Chief Justice, elected by the student body during the General SGA Elections.

2) Seven (7) individuals interviewed by the SGA President, Chief Justice, and SGA Vice-president. The majority vote by these three persons is required to place these justices into office.

3) Justices may have no affiliation with any other SGA operating entity during their term in office.

B. Meetings: Shall be chaired by the Chief Justice and must run according to the Student Court Bylaws.

C. Authority and Power: The judicial power shall extend to all cases arising under this Constitution, the Branches and Division Bylaws, guidelines and legislation enacted by the SGA; to all cases which may be referred to the Court by the Dean of Students Office, and disputes between students. The Court also has the power to levy fines and recommend probation, suspension or dismissal. In addition, the Chief Justice shall swear in new SGA officials and Associate Justices.

D. Appeals: Decisions and recommendations of the Court shall be subject to appeal by the student through established University channels as outlined in the University student handbook.

E. Replacement of Justices: Should any Associate Justice position become open, the SGA President and Chief Justice shall interview and approve a qualified student to serve. The final decision of acceptance of Associate Justice applicants rests with the Chief Justice shall have. In the event of filling or replacing the Chief Justice, The Court will nominate candidates from among the Associate Justices to be interviewed and voted upon by the SGA President, SGA Vice President, and the SRB Chairperson. If no Associate Justices desire the posi-

tion then the position shall be opened to applicants from the general student body. These applicants will then be interviewed and decided upon in the same manner as if Associate Justices were applying. In all cases, the outgoing Chief Justice, and any Associate Justices may make their recommendations at any time during this process.

Section 3. The Legislative Branch:

Purpose: Be the policy and decision-making body within the SGA. Represent students interests and viewpoints as recognized by the SRB to the SGA President, University officials and campus committees.

The Legislative Branch shall consist of the Student Representative Board, hereinafter known as the (SRB).

A. Membership:  
1) The SRB Chairperson, elected from and by the SRB Representatives.

2) The SRB Representatives, elected by the student body in the SGA general election, or by the SRB when a position is unfilled or vacated.

3) Catalog Disciplines: SRB representatives are to represent the students enrolled in academic disciplines outlined by the University catalog at the Daytona Beach Campus. Each Representative shall be enrolled in the discipline he intends to represent at the time of election. Enrollment figures shall be taken from the Fall Semester preceding the general election. The number of Representatives for each discipline will be determined by the following:

Student Population	Number of Representatives
0 to 12%	1 Representative
13 to 24%	2 Representatives
25 to 36%	3 Representatives
37 to 48%	4 Representatives
43 to 100%	5 Representatives

In addition to discipline representation, the SRB shall also have the following representatives:

4) Foreign students representative - One foreign student shall represent the foreign student population.

5) Campus housing representative - One student living in University managed housing shall represent those students residing in University-managed housing.

6) The Secretary/Treasurer shall be an ex-officio, non-voting member.

7) The SGA Advisor shall be an ex-officio, non-voting member.

8) The SGA Vice-President shall be an ex-officio non-voting member.

B. Powers, Duties and Limitations: The SRB shall:

1) Be the sole body within the SGA to initiate Formal SGA Proposals. A Formal SGA Proposal can include projects and resolutions. Each proposal will require sponsorship by at least one SRB Representative and must receive approval by majority vote of the SRB.

2) In conjunction with the SFB, have the authority to override a Presidential veto on all Formal SGA Proposals concerning financial legislation. Such overrides require a cumulative 2/3 majority vote from the total membership of SRB and SFB.

3) Have authority to override all Presidential vetoes on non-financial legislation initiated by the SRB, with a 2/3 majority vote with the exception of approving new division Bylaws (see Article IX, Section 1).

4) Provide for a compilation and publication of all legislation.

5) Approve an Elections Committee Chair and alternate to conduct the SGA general elections according to the Election Guidelines.

6) Establish its own meeting time and rules of procedure as dictated in the SRB Bylaws and assemble in open meetings, on a weekly basis, for the deliberation of legislation.

Section 4. The Financial Branch:  
Purpose: The Student Finance Board is the financial decision-mak-

ing body of the SGA.

The Student Finance Board shall consist of six members and a Chairperson.

Membership:  
1) The Chairperson shall be the SGA Vice-President.

2) Six individuals elected in the SGA general elections, or appointed to vacant positions by the SFB.

3) Members may have no affiliation with any other SGA Division or Branch during their term in office. The Vice-President shall, however, maintain his position on the Executive Branch.

4) The Secretary/Treasurer and SGA Advisor shall be ex-officio, nonvoting members.

B. Meetings: Establish its own meeting times and rules of procedure as dictated in the SFB Bylaws and assemble in open meetings on at least a bi-monthly basis for the deliberation of financial legislation.

C. Powers, Duties and Limitations: The SFB shall:

1) Oversee the budgetary process of the SGA as outlined in the SGA Budget Guidelines.

2) Approve the SGA budgets as a whole, with a majority vote.

3) Have the responsibility to review and vote on formal SGA proposals insofar as it pertains to funding of the proposal.

4) Have the responsibility to review all Fraternity, Club and Organization (FC&O) Requests for Funds and to verify that funds would be used according to the FC&O Guidelines. The SFB shall have the authority to deny this funding if the requesting organization does not meet the FC&O guidelines.

5) In conjunction with the SRB, have the authority to override a Presidential veto on all Formal SGA Proposals concerning financial legislation. Such overrides require a cumulative 2/3 majority vote from the total membership of SRB and SFB.

6) Have sole authority to override a Presidential budgetary veto with a 3/4 majority vote.

7) Have the authority to select new members by majority vote when positions become vacant on the Student Finance Board.

Section 5. Divisions - AVION, PHOENIX and ENTERTAINMENT:

Purpose: Each of these divisions exist to enhance student life at the University and are funded through and by the SGA.

A. Each division will have on file in the SGA office current Bylaws or equivalent governing document, which facilitates the operation of their organization. These Bylaws must have been approved by a majority vote of the SRB. These bylaws or documents shall be subject to review by the SGA President at his/her discretion. Any dispute arising out of interpretation of these documents or bylaws shall be remanded to the Student Court whose decision shall be final.

B. The intent of these Bylaws is to provide clarification and details necessary for the execution of the SGA Constitution, and for such other legislation as may be included. No provision of these Bylaws, nor interpretations of them, nor subsequent amendments to them shall be construed or enacted to conflict with, abridge, or abrogate the SGA Constitution. Where such conflicts arise, the SGA Constitution or its interpretation by the Student Court shall prevail.

C. It shall be mandatory that all division Chairpersons or their designees as outlined in Article IV, Section (A-9) report in person at the regular SGA Monthly Meeting concerning the overall activities of the respective division. Division Chairpersons or their designees shall also attend any SGA Executive Board Meetings.

D. Only those currently enrolled undergraduate students (during the current semester) will be eligible to receive any SGA funds such as Leadership Assistance, Advertising Commissions, Incentives, or any other form of material compensation.

E. Future divisions shall be required to abide by the SGA Constitution and its respective set of bylaws or equivalent governing

document.

F. All divisions are free to publicize under any name of their choosing provided the name is approved by the SRB. All financial and formal operations shall be conducted under the official name set forth in this Constitution.

## ARTICLE V ELECTIONS

### Section 1. General:

The general election for all elected SGA officials shall be conducted no later than ten (10) business days before the Spring Board of Trustees Meeting.

### Section 2. Election Committee and Responsibilities

A. The President, with the approval of the SRB, shall appoint an Elections Committee Chairperson at least two (2) months prior to the general elections.

B. All individuals appointed by the Elections Committee Chairperson to serve on the Elections Committee must be approved by the SRB by majority vote.

The Elections Committee shall ensure that the candidates are qualified as stated in Article III, Section 2-B.

D. To run for an elected position, a candidate must submit an election petition which must include the student's name, ID number, position desired and 25 student signatures with respective ID numbers. President and Vice-President candidates must have a combined total of 50 different signatures. The Elections Committee shall coordinate the validation of the petitions.

E. The Elections Committee shall establish a deadline by which all election petitions must be submitted. All petitioners will be notified of their eligibility within five (5) business days after that deadline.

F. The Elections Committee shall have the authority to institute any regulations necessary to conduct the election. The Elections Committee shall ensure the anonymity of the voters. They shall have the authority to institute any additional eligibility criteria and campaign rules they deem necessary. Final approval of the eligibility criteria must be obtained by a majority roll-call vote of the SRB members who are present in the meeting who are not running in the elections. Once an SRB member has voted, he/she is not eligible to run in the elections. In the event that any interpretation of the eligibility criteria is officially challenged, a decision by the Student Court shall prevail.

The Elections Committee shall keep a file containing committee procedures and election results and submit an evaluation report to the SRB for the reference of future committees. This file shall be kept in the SGA files under "Elections." An official record of the election results will remain a part of the records in the SGA office for three (3) years. The ballots, however, will be disposed of three weeks following the elections. Any request for a recount must be submitted by a candidate, in writing, ten (10) business days before the Spring Board of Trustees Meeting.

### Section 2. Election Committee and Responsibilities:

A. The President, with the approval of the SRB, shall appoint an Elections Committee Chairperson at least two (2) months prior to the general elections.

B. All individuals appointed by the Elections Committee Chairperson to serve on the Elections Committee must be approved by the SRB by majority vote.

The Elections Committee shall ensure that the candidates are qualified as stated in Article III, Section 2-B.

D. To run for an elected position, a candidate must submit an election petition which must include the student's name, ID number, position desired and 25 student signatures with respective ID numbers. President and Vice-President candidates must have a combined total of 50 different signatures. The Elections Committee shall coordi-

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The Elections Committee shall keep a file containing committee procedures and election results and submit an evaluation report to the SRB for the reference of future committees. This file shall be kept in the SGA files under "Elections." An official record of the election results will remain a part of the records in the SGA office for three (3) years. The ballots, however, will be disposed of three weeks following the elections. Any request for a recount must be submitted by a candidate, in writing, to the Elections Committee Chair, before this time is up, in which case the ballots shall be kept until such time as a recount can be performed.

H. It shall be mandatory that the Elections Committee Chairperson report in person at each regularly scheduled meeting of the SRB during his/her tenure as the chairperson, on the actions and progress of the Elections Committee.

Section 3. Each voting ballot shall list candidates for: President/Vice-President; Chief Justice, Student Finance Board and Student Representative Board. The number of Representative positions shall be determined as specified in Article IV, Section 3-A-3.

Section 4. Newly elected SGA officials will be notified in writing, and given the date and time of the last SRB Meeting of the Spring Semester. The new officials shall make every effort to attend in order to be sworn in by the current Chief Justice (not the newly elected Chief Justice).

Section 5. Term of office for the newly elected SRB officials shall begin at 12:01 AM on the day following the last regularly scheduled SRB Meeting of the Spring Semester and shall continue until the next SRB officials term begins (Term is approximately one year). However, no voting on SGA business shall take place until the voting officials are sworn in by the Chief Justice.

### Section 6. Re-elections:

All persons holding elected positions (incumbents) are eligible for re-election provided eligibility criteria set forth in Article III, Section 2-B has been met. However, they may not serve on the Elections Committee and may not vote on the eligibility criteria.

Section 8. No individual can declare eligibility for more than one elected position.

## ARTICLE VI SGA FEE ADJUSTMENTS

Section 1. The SFB shall conduct a financial review of the SGA to determine the need and/or feasibility of an SGA fee adjustment.

Section 2. The SGA will conduct this review at the beginning of the Fall Semester and shall submit its recommendations to the SRB in a timely manner.

Section 3. The SRB shall insure the justification of the SGA fee adjustment as recommended by the SFB.

Section 4. Upon a 1/3 majority approval of the adjustment by the SRB, the recommendation shall be forwarded to the President of the SGA.

Section 5. The SGA President

shall consider the recommendation for approval. If The recommendation is vetoed, a cumulative 3/4 majority vote of the SRB and SFB shall be required to override the veto.

Section 6. The SGA President shall forward the SGA's approved recommendation to the Vice-President of Student Life for University approval.

## ARTICLE VII IMPEACHMENT

Section 1. An individual may be impeached for violation of the SGA Constitution, Division Bylaws, Budget Guidelines, or any other form of malfeasance as judged by the Student Court, Executive Branch, SRB, SFB or Division Chairs. Any member of the SGA may initiate impeachment proceedings upon any SGA Official by submitting a request for a hearing, in writing, to the Student Court Chief Justice. The specific charges causing the initiation of impeachment proceedings must be submitted to the person being charged, hereinafter known as the defendant, by the Chief Justice, at least 10 days before the proceedings commence. All parties may present testimony, evidence, witnesses and character references to the Student Court at the time of the hearing. A 3/4 vote of the Student Court is necessary for impeachment and the Chief Justice may not vote. If the defendant is not satisfied with the Court's decision, he/she may file an appeal with the SGA Advisor within 10 days. The SGA Advisor shall then call a joint session of the SGA Executive Branch, SRB, SFB, Chief Justice and all Division Chairs. All parties, including the defendant, shall present their testimony, evidence, witnesses, and character references at this time. The SGA Advisor shall maintain order during the proceedings. A 3/4 secret ballot vote of the voting members present is necessary for impeachment. The votes shall be counted by the SGA Secretary/Treasurer and the SGA Advisor. This vote shall be final and cannot be appealed again.

Section 3. Each voting ballot shall list candidates for: President/Vice-President; Chief Justice, Student Finance Board and Student Representative Board. The number of Representative positions shall be determined as specified in Article IV, Section 3-A-3.

Section 4. Newly elected SGA officials will be notified in writing, and given the date and time of the last SRB Meeting of the Spring Semester. The new officials shall make every effort to attend in order to be sworn in by the current Chief Justice (not the newly elected Chief Justice).

Section 5. Term of office for the newly elected SRB officials shall begin at 12:01 AM on the day following the last regularly scheduled SRB Meeting of the Spring Semester and shall continue until the next SRB officials term begins (Term is approximately one year). However, no voting on SGA business shall take place until the voting officials are sworn in by the Chief Justice.

## ARTICLE VIII AMENDMENTS TO THE CONSTITUTION

Section 1. Amendments to this Constitution may be initiated by any student and presented to the Student Representative Board.

Section 2. Proposed amendments to this Constitution must receive a two-thirds (2/3) majority roll-call vote from the SRB, or a signed petition of 10% of enrolled undergraduate students to be placed on a ballot for referendum.

Section 3. An amendment shall be considered passed by referendum if a simple majority of 10% of the enrolled undergraduate student body vote in the affirmative.

Section 4. If approved by the referendum, the amendment shall be considered part of this Constitution seven calendar days following the referendum to allow for adjustments and changes.

## ARTICLE IX ADDING A NEW DIVISION

Section 1. A prospective division must submit a copy of its proposed Bylaws for a 2/3 approval by, a joint session of the SRB and SFB. A proposed budget must also be submitted for review by the SFB.

Section 2. The President shall have veto power over the approval of the Bylaws, in which case a 3/4 majority vote from both the SRB and SFB separately shall be required to override the veto.

Section 3. Following approval, a new division may be added by SGA Constitutional amendment in accordance with Article VIII, Sections 1-4.

## ARTICLE X RATIFICATION

Section 1. Ratification of this Constitution shall require a majority affirmative vote in a referendum open to the student body in accordance with Article VIII, Sections 1-4.



If you don't vote  
then don't complain

•Its your school•





Autos for sale

1988 Ford Ranger XLT, V6, interior, air, power windows and locks, AM/FM digital cassette. Loaded and in mint condition. Low miles. \$3750. Call 248-2473.

1986 Camaro, red, V8, auto, cold air, T-tops, power windows and locks. 56,000 miles \$2800. Call 239-0913.

For Sale: 1985 Ford Escort L. Air conditioning, 4 spd., stereo, 30 mpg. \$1600 OBO. 255-8430.

1986 Fiero. V6, automatic, PW, AC, sunroof, stereo/cass., new radials, shocks, struts, w/GT body panels, wing, 15" Diamond spoke wheels, garage kept, pampered and gold. \$4350 OBO. Call 672-1779.

Roomates & Rental

Female Roommate wanted. Non-smoker preferred. Call Theresa at 760-9686. Flat Spider. Needs minor body work. Excellent running condition. Call for details. \$3000 OBO. 441-9320.

3 bedroom townhouse in Forest Glen 1.5 miles from IRAU. \$200/month + utilities + deposit. Call Brad or Bill 255-3413.

Roommate needed for summer A and B 1992. No deposits and No lease! 2 bed/1 bath, 3 miles from school. You pay phone portion and 1/2 electric. Call Rob or Troy 767-6275.

Roommate needed: non-smoker. New house, 3 bed, 2 bath, dishwasher, microwave, free cable, 5 mi. south of IRAU. \$250 per month plus 1/2 utilities. Contact Ed at 756-4505.

Wanted: non-smoking roommate. Have your own room in 3 bed, 2 bath house in Port Orange, 6 mi. from IRAU. \$225/month, 1/2 utilities. Many extras! 767-2908.

2 rooms for rent, Daytona- Tomoka farms, ranch style, 1 1/4 acres, quiet, full privileges. \$350 per month.

Clean, quiet, furnished room for non-smoker, sober gentleman - lots of parking space, lighted at night. Safe place. \$200 a month with all utilities included. Private entrance, references needed. Call evenings please: the French teacher, 258-5901.

Female roommate wanted for summer A and B. 2 story townhouse 3 bedrooms/2 bath. 5 miles from school, \$200 per month plus 1/2 utilities. For more information call 788-1318 (ask for Teresa or leave message).

Big, beautiful house in Pelican Bay has an opening May 1. Your own bedroom, share bathroom with one other person. Half of garage, washer/dryer, dishwasher, cable TV. \$375 per month includes utilities. Call 756-1916 for more details.

Misc. for sale

Attention A1000 owners. Tired of a slow machine? Add 16 Mhz and math co-processor slot for only \$175 (new sold for \$200). Add internal battery backup clock only \$15. Genlock for Amiga, \$70. Call 760-3219.

A1000 owners: make your system IBM compatible with the sidecar. One 5.25 drive, separate power supply and 3 expansion slots. Sidcar used to sell for \$800 but need to sell now, only \$200. Call 760-3219.

Midland 12 volt power supply. Great for CB or HAM \$15. HP swr/power meters \$15. RAM card and math card for TI-74 only \$15. Call 760-3219.

Set of men's golf clubs: standard irons, pitching wedge, sandwedge, putter. \$100. Call 257-2360.

Disk drive for sale, second disk drive for an Apple IIc, takes 3.5 inch disks \$50. Call Ed at 258-8218 after 6:00 p.m.

For Sale: Amiga 2000 with 4 MB of RAM, bridge board for IBM compatibility, 40 MB hard drive, monitor, keyboard, & mouse, all for \$1400. Call Carl at 788-4874 and leave a message.

Super VGA monitor. Brand new. In original box with warranty manual, etc. 14" 1024x768, .28 dot pitch certified for IBM emissions, non interlaced. Retail \$500, a bargain at \$250. Call Peter at 767-7649 after 9:00 p.m. or contact box 7273.

Toshiba car stereo, 12 pre-set. Call 322-0734 or box 5419 - Greg.

Super nintendo entertainment system. 2 controllers, 3 games. Brand new \$225. Regular Nintendo Entertainment system, 2 controllers, 3 games \$75 OBO. Matrix guitar amplifier 40 watt, overdrive, reverb \$75. Call Mike at 760-3195.

Good quality furniture for sale. Everything must go. Call Ron at 257-6480 if interested. Thanks.

Game card for IBM ps/2 \$50 OBO 756-9259.

RC car for sale: Bionik eliminator 10 chassis, full bearing kit, novak electronic speed control, 2 battery packs, charger, futab and radio, and GT body \$300 OBO. 756-9259.

Alpine car stereo system - top of the line, pull out tape deck/AM-FM receiver, 18 pre-sets, auto reverse, MS, it has everything. Includes 2 amplifiers and 2 rockford foggate boxes. Paid \$1000, will sacrifice for \$450. Call for more info. 274-4121.

Motorcycle helmet - Shoei made of fiberglass and Kevlar, silver with black and red stripes, air vents - front and rear. Shoei helmet bag included, new condition, \$125. Contact Mike or Lori 255-9186 after 6 p.m.

Skimboard for sale, fast, sleek, it's everything you want in a skimboard except foam. Victoria Speeder \$60, also an old Zapp freestyler for \$20. Also a pair of Yakima rack pads, red, \$10. Call Ed at 258-8218 after 6:00 p.m.

Bell open face Magnum helmet (white) removable washable inset. Size 6 7/8, one year old. Very good condition \$28.

For sale: 12" Kickar subwoofer in box \$65 OBO. Also portable TV with AM-FM radio. B/W compact, take it anywhere, \$50 OBO. Contact Patrick at box 9135 or 253-5518 evenings.

For Sale: Sanyo Mar-2200 pull-out car stereo. Brand new, 6 mos. old. Aux/CD, Bass/expander, Automatic Music Select System, Auto Travel Preset and much more. Must sell, \$250 OBO. Call 761-8730.

Miele 18" mountain bike \$499. 44cm Time Trial Bike. Good for small male or female. \$299. Murray ladies mountain bike \$65. Hoover cordless vacuum \$15. Soft-conn C-30 headset. liquid air-seals \$140. Banjo - needs work \$5. Zoom lens. Zooms a bit hard - make offer. Neal, 254-8307.

Miscellaneous

Flight instruction - Daytona or New Smyrna, low rates! Don 677-9730.

Quality SCUBA instruction specializing in advanced Diver training. Open Water certifications \$100. Call Jan Neal at 761-2021

Anyone going to Tampa? Need company? If so give me, Eric Roy, a call at 255-4709. Will pay 1/2 gas. Thanks.

Want to buy: small frigidaire for fair price, low as possible. Old military items (clothes only) good condition. Call evenings- 258-5901.

Anyone going to Mobile? Call Pete at 254-4935 or write to Box 5615. I need a ride over Spring Break April 2 and be back in time for classes on the 6th. Will pay 1/2 gas.

If you are interested in working on a campaign for a conservative, hardworking and dedicated team of candidates, call 756-5678 or reply to box 6937. Your success is our goal.

Top cash prices paid for your car! Any make, model, or condition. Call Dean at 239-0913.

Wanted: student familiar with DacEasy accounting program. IBM close-assist graduate student with accounting. Call Harold - DeLand (904) 734-0653.

1 or 2 students needed to help share costs of a rental van. Departing April 22-24 to southern NY (Rockland County). Can drop off anywhere on route. Approximate cost \$50. Contact box 1334.

Personals

SBGS If you have figured out who you are and want to know what the letters mean, ask "JICL" THE TWIN TS

TASMANIAN DEVIL I feel all right, but only 'cuz you're with me! I love you, Babe. I always will! Gimme a kiss-kiss! LOVE, MISS PIGGY (snort) P.S. Thanks for making this semester a good one!

TASMANIAN DEVIL. Elephant shoes! MISS PIGGY

BOB Where have you been all my life? Please write me so we can get together LISA 3496

**CLASSIFIED AD POLICY**

- Non-commercial classified advertising and personals are free to the student body, faculty and staff of Embry-Riddle with 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, at 226-6051.
- 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) 226-6049.

T. DEVIL My little boy - Monic's bad enough. Poking? You naughty! I love you. I'm glad you feel better babe! I was worried ... no more carrots!(Too chunky ... lol.) LOVE, ME (I'm here for you)

The nose always knows. TR

MOHAWK! You thought you got rid of me. I told you thinking was hazardous to a duck's health. Now look at you! What a moron. DUCKSLINGER, I'm back! Did you miss me?!

MONKEY BOY Beware of loose shingles. CE

RULE #1 There shall be no poofas.

SADDLE MAMA Thanks to me, you are no longer an Avion virgin. He-ha, I have stolen your innocence just like many a girl. Beware of the mad rutsaker, he may visit you soon. THE CAPTAIN

To the person who thinks the cheerleading squad isn't the same without Miss Puckett: You're right—the cheerleading squad is Much Better without Miss Puckett!

To the woman with short brown hair who lit up my world forever: OB Reef's is not quite the place for a romantic encounter. I must see you again. Our worlds were destined to meet. Drop me a line so we can make a proper connection. Box 3251.

Congratulations Jerry M and Suzanne G. Good luck and happiness in your life together TEAM PIRIKO SUAVE

Hey SAA 4+1=5.

IRON HORSE II Dirty Don rides again.

CISCO The mad dog of the 90s?? Get serious!!

MARIE It's not a frat. It's a fraternity. Do you call your country a c...?

You know it's going to be a long night when she wants you to make her 3 Sex On the Beaches at once.

JEFF Why don't you buy a winch and a real jack for next time? It's a swagp thing—you wouldn't understand.

DOC Is your Mom coming down this weekend???

The poison is here ... no antidote. THE MOB

THE WAGONMASTER You tell them! THE BATTLE WAGON CAPTAIN TOOL

Here's to us, and those like us. Wawa wawa wawa. LUSH, M.D.

BIG ROG We promise we'll take real good care of it for you! D-CHEE

GIRLFRIENDS AND HURLFRIEND Take me home Alabama! Screw the olive garden, cock of the walk was the best in town. Cover that original MONA-Lisa on the wall, will ya? But those dinkoberies in the car are a true sign of mad-ism. JEN-NIF-ER p.s. the pink hours was hoppin'.

RICHIE RICH "Of me so horny, me love you looon time! 90210

SLUT 101 Can I wear your leather again sometime? It really got me but! SLUT 6

MILLY Sorry I didn't tell you and G word some things come better as a surprise! LOVE SLUT 6

All right sluts! When's my message? SLUT 6

52 days left to slut around. I'll miss you all SLUT 6

ALFALFA Down with Chewbecca. Can't wait till next year! Thanks for all the talks. One of these days I'll get over him, but for now, I'll make dinner and dance by myself. PEACHES

If you care for someone, set them free, if they come back to you love them forever. If not, all you can do is dream.

YO ILLINOIS You want some fries with that shake???

Hey Phoenix. When do we get paid???

Kill the rabbit! Kill the rabbit!

BRI I triple-dog dare you... (chips, dips, chains and whips these are a few of my favorite things). KYMMIE

JEREMY (oops! I mean Jay!) Sorry I missed your "streak." By the way, have I ever told you that you're the best for letting me get naked in your shower at 9:00 a.m.? LOVE YA! THE GODDESS

DEAR MF Hey look! I finally did it! The past two years have been the happiest of my life. You are beautiful, intelligent, sexy, athletic and exactly what I've been looking for all my life. I love you with all my heart sweetie. TASH

Is Entertainment going to show Star Trek VI this semester?

TO THE BLONDE IN FLIGHT The drive up to Maryland was a great break from the routine. We'll have to do it again sometime! HTO

JEREMY I miss the stitches already! I owe you a crunch, maybe two if you keep coming to the softball games. See ya at 3:30. CARRIE

SIMONIE Do you believe in the boogyman?? REPO

Who is Hockeyman? ANDREA So how's thinf? TIGER HI GROVIR!!

TARA Hope you feel better soon. We all need to go drinking together. ROOMIE

CAPTAIN Do me! SPOCK

Everybody is a comedian and the clown are all murderers!

STEVE \$6 and all I get is a stupid smile on my face. BMDO

ABLEWASHEREISAWILBA

LYNCH MOB Get a clue! GRANT

lverybody runs around us.

DMC One week and a weekend, it's going to be awesome. I promise things will get better, hang in there! LOVE ALWAYS, XNFX

HATHAWAY I do not use binoculars. BLUE

BAFFLED I'm glad you like the tape. As for your name, it's not so strange if you think about it. When I'm interested in someone, I like to know everything there is to know about him. It's a shame you have a girlfriend, I guess you won't be able to find out if what I told you was true. Thanks for responding! DREAMER

SCOOBIAR F... the towel! Here's to two great weeks! HORNDOG

HOCKEY MAN Get a life! Do you even go to this school? GRANT

"C.B.D." (AKA B.S.) Quit being such a self-righteous jerk about other people's mistakes. It's bad enough all of us regular "morals" have to deal with the fact that we're not perfect like you, why rub it in? Lay off the "holier than thou" attitude before the rest of us innocent mistakes making simple folk shove a dictionary up your infallible a--! Lighten up sport, or you'll look like a first class schmuck if you ever make a mistake. PROSPECTIVE

TO THE STUDENT WHO HAS BEEN DYVE BOMBING "PROSPECTIVE" If that's the biggest mistake we make as a student of IRAU, I will personally pay all of his student loans! I work in the flight department and general campus, and my suggestion to "CED" is to buy a mirror and take a long, hard look! I MAKE MISTAKES TOO

PROSPECTIVE (AKA B.F.) Eight words on a banner once a week and that gets screwed up. Apparently you believe a dictionary is for violence and not for spelling. Remember, someone else picked that up, not me. Oh, and don't try to put in a personal with things spelled wrong with my name on it. That's pretty juvenile. Remember, I'm the last person to see these things. Play to win. CED.

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If you don't vote in this election ...



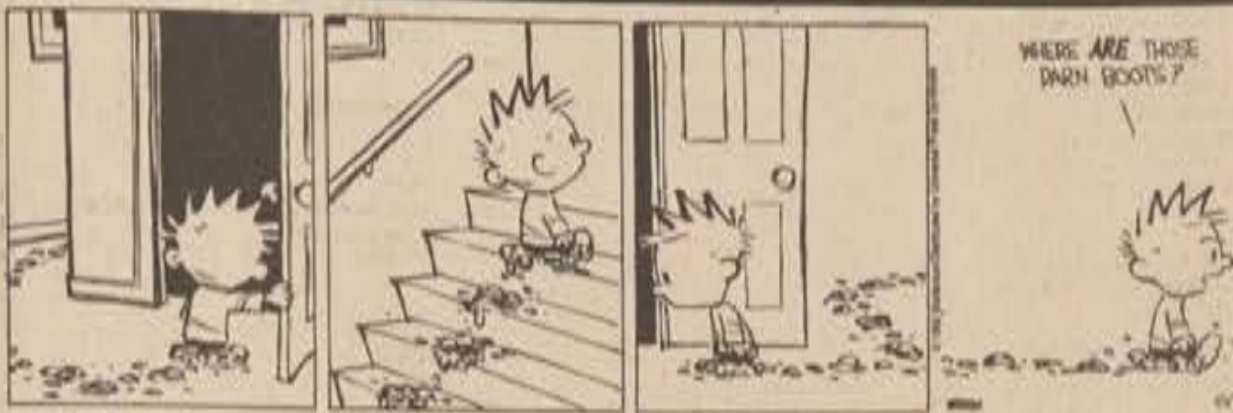
Then you better love the new SGA President

Rock The Vote



Calvin and Hobbes

by Bill Waterson



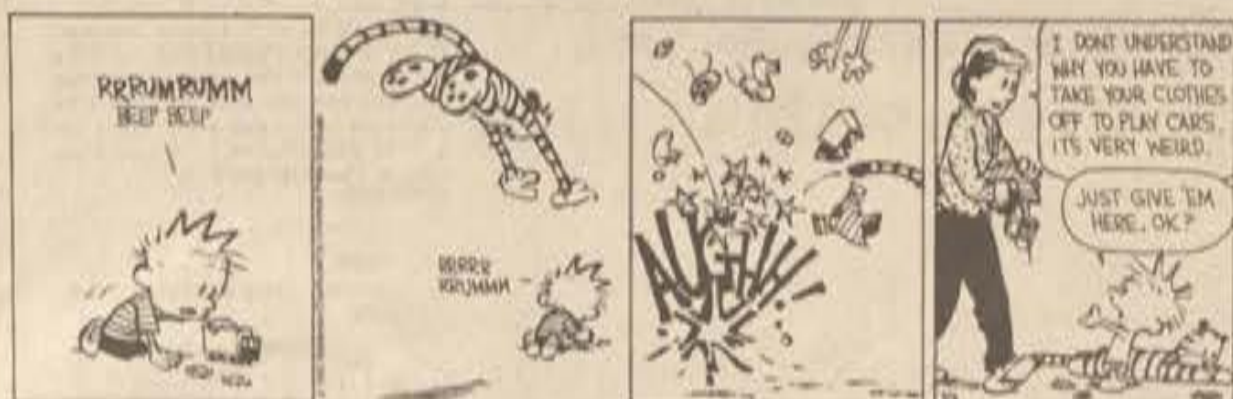
WHERE ARE THESE DARN BOOTS?



PUT ON SOME NICE CLOTHES AND LET'S GO FOR A STROLL!



IT COULDN'T BE AVOIDED



I DON'T UNDERSTAND WHY YOU HAVE TO TAKE YOUR CLOTHES OFF TO PLAY CARS. IT'S VERY WEIRD.

JUST GIVE 'EM HERE, OK?



WHAT TIME IS IT?

GO LOOK AT THE CLOCK AND SEE.

WHAT'S THE WEATHER LIKE OUTSIDE TODAY?

GO STEP OUTSIDE AND SEE.



THE PROBLEM WITH ROCK 'N' ROLL IS THAT THE GENERATION THAT CREATED IT IS NOW THE ESTABLISHMENT.

ROCK PRETENDS IT'S STILL REBELLIOUS WITH ITS VIDEO POSTURING, BUT WHO BELIEVES IT? THE STARS ARE 45-YEAR-OLD ZILLIONAIRES OR THEY ENDORSE SOFT DRINKS! THE 'REVOLUTION' IS A CAPITALIST INDUSTRY! GIVE ME A BREAK!

FORTUNATELY, I'VE FOUND SOME PROTEST MUSIC FOR TODAY'S YOUTH! THIS STUFF REALLY OFFENDS MOM AND DAD!

EASY-LISTENING MUZAK? I PLAY IT REAL QUIET, TOO.

Mister Bofio

by Joe Martin



THE WORLD AND THE WAY IT WOULD BE WITHOUT RELIGION

DO YOU SWEAR TO TELL THE TRUTH, THE WHOLE TRUTH, AND NOTHING BUT THE TRUTH, OR GET WHIPPED UPSIDE THE HEAD??



MOST MISINFORMED AWARD

WHERE'S THIS ALL-YOU-CAN-EAT SALAD BAR I'VE HEARD SO MUCH ABOUT??!



I'M DOING A PRESENTATION FOR MY WIFE ON WHY I'M NOT A WORKAHOLIC!!

CHECK OUT THESE NOTES!

Far Side

by Gary Larson



YELLOWSTONE PARK

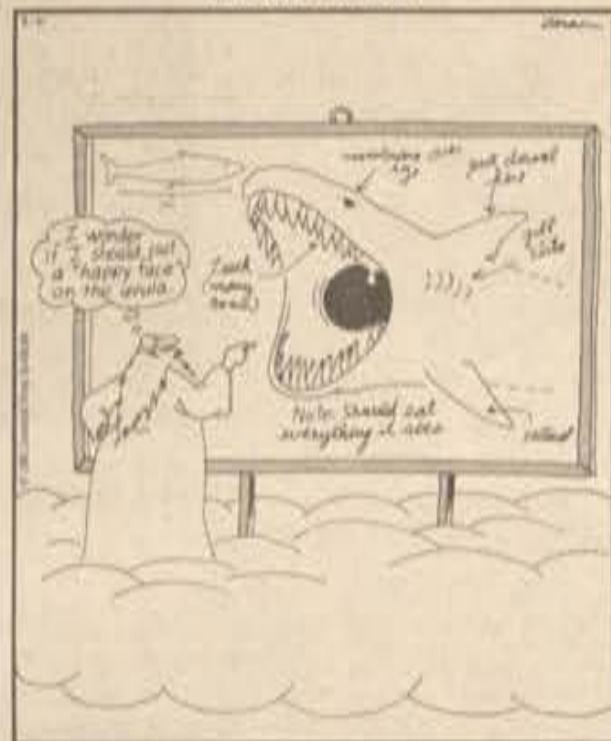
In an ancient custom of retribution, the ranger Mafia sends Ted to "sleep with the bears."



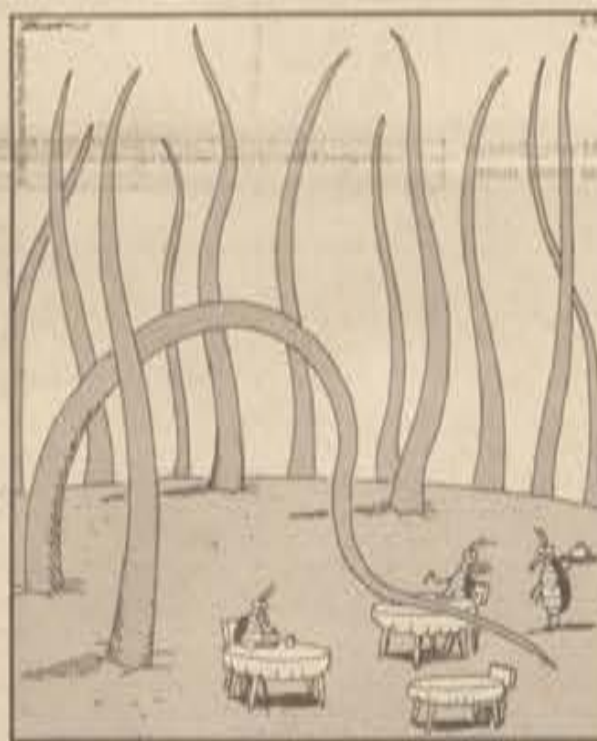
"Oh, Misty always hates me showing this slide.... It's halftime at the '88 Detroit-Chicago game when we met."



"Say, ain't you a stranger in this part?"



God designs the great white shark



"Walter, is that a hair in my salad?"



In Saddam Hussein's war room

Mother Goose and Grim

by Mike Peters



BEEP BEEP

SOMEONE HELP ME!!! I'M STANDING UP AND I CAN'T FALL DOWN!

RINGG, RINGG



I LOVE DANCING, BUT I REALLY SHOULD TAKE TIME TO FLOSS.

FRED ASTAIRE AND GINGIVITIS



DEAR MZ. GOOSE, MY DOG NEVER COMES WHEN I CALL HIM!!!

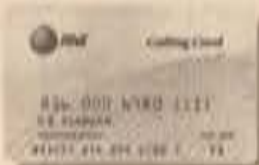
WHAT DO YOU CALL TO GET GRIMMY TO COME??

911





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