

SCHOLARLY COMMONS

Avion

3-18-1992

Avion 1992-03-18 (B)

Embry-Riddle Aeronautical University

Follow this and additional works at: https://commons.erau.edu/avion

This Book is brought to you for free and open access by the Newspapers at Scholarly Commons. It has been accepted for inclusion in Avion by an authorized administrator of Scholarly Commons. For more information, please contact commons@erau.edu.

AERONAUTICA

Mooney expands production

Mooney Press Selesses

KERVILLE, TEXAS- A spurt in sales activity has prompted Mooney Aircraft Corporation to boost its production rate from six to eight aircraft a month.

To handle the additional workload, the Mooney work force also is being increased to 270 people.

Mooney CEO Jacques Esculler credited the manufacturing buildup to increased demand for the three Mooney models now in production.

The Mooney TLS, he said, accounted for nearly 70 percent of all sales of turbocharged high-performance singles in 1991. Forty-six of the 220-knot aircraft were sold and delivered in '91, Esculier said.

The most recent multiple unit Mooney order, he said, came from Agronautical Embry-Riddle University. The school, which operates a fleet of 12 Mooney ATS advanced trainers at its Daytona Beach, Florida facility, has ordered three more ATSs.

The other Mooney in production is the MSE, which recently got a 160 pound increase in useful load, "No matter how you define value," said Esculier, "the MSE provides it price, performance, efficiency and

Esculier said the continuing popularity of Mooney high-performance singles has enabled the company to defy both the recession and the continuing slump in general aviation

"Our customers are loyal to the Mooney name and the company and have a lot of pride in ownership," he said. "To the pilot who looks forward to owning a high performance. Management (TQM) techniques. fact," he said, "it shows how totally



Embry-Riddle operates twelve Mooney AST advanced trainers, with three more on the to the highest degree. That includes way. The increase in production is allowing Mooney to expand its workforce.

fulfillment. And that's been true for

Evidence of Mooney popularity among operators of high-performance singles is the company's almost 40 percent share of U.S. retail deliveries and 30 percent share of the world market, Esculier said.

The Mooney production increase will utilize Total Quality

single, a Mooney is the symbol of instituted recently at the Kerrville we control the quality of our airplant. Esculier said the program has craft." Esculier said that Mooney already increased production efficiency dramatically.

Esculier said that cost-effective as Mooney continues to ride out the

He said the paring down of production manhour's per aircraft has no adverse effect on quality. "In-

has built a lot of flexibility into the production line.

As market trends change, he said, production will play an essential role. Mooney will be in good position to increase production,

Quality, he said, is always totally under direct Mooney control because everything is manufactured in-house.

FAA considers allowing in-flight naps by pilots

WASHINGTON - The Federal Aviation Administration is toying with the idea of letting pilots sleep on the job.

The thinking is that a mid-flight nap while a co-pilot takes over during long, trans-oceanic flights could help keep the aircraft commander fresh for landing after an otherwise tiring flight.

But the FAA is proceeding warily, concerned that visions of pilots snoring at 40,000 feet could agitate punsengers.

The agency has been exploring the idea ever since a NASA study two years ago suggested passengers would be safer if a pilot was brighteyed when his skills were most needed-at landing.

In cases where there are at least three pilots on the crew, the study suggests there may be no danger in allowing one pilot to nap during the long, typically hum-drum, over-thewater periods of international flights, when there's not much work to do in the cockpit anyway.

"We now have direct scientific evidence that short, carefully controlled rest periods can act as a safety valve' to reduce fatigue and improve alertness during the most important parts of the flight, such as descent and landing," said Curtis Graeber, an investigator at NASA's. Ames Research Center at Mountain View, Calif.

"Under those limited circumstances, it may be something that is beneficial," said Chris Witkowski, director of the Aviation Consumer Action Project. "It would have to be extremely well controlled."

The FAA is working with the Airline Pilots Association to draft recommendations. Before going further, the agency will seek comments from pilots and airline offi-

But will passengers tolerate pilots sleeping on the job? John Mazor, spokesman for the pilots' association, believes they will if the proposal is couched in terms of a demonstrated safety improvement.

"We recognize that this is the kind of thing that has to be carefully presented because if you don't know what is involved it may sound a little alarming," Mazor said

"The question is, would you rather have a pilot perform to the best of his ability when it counts, or would you rather have a pilot whose performance has been degraded by fatigue?"

A chief pilot's nap, he said, should last for no more than 45 minutes after the plane reached cruising altitude."Very little ever happens during that phase of the flight," Mazor said.

The NASA study noted that pilot performance is especially important near the end of a flight when crews must deal with air traffic control, possible bad weather or unfamiliar

The study, done with the help of Northwest Airlines and United Airlines, divided 10 volunteer Boeing-747 crews into two groups. In one, pilots took naps; no naps were permitted in the other,

"The researchers found that given the opportunity to rest in their seats, the pilots generally were able to fait asleep easily and sleep well," NASA said.

Scholarships awarded by NBAA, Inc.

NEAA, Inc. Pinne Holeans

Embry-Riddle students Edith Marie-Anntoinette Dylewska and David Michael Douglass, were recently awarded a \$500 scholarship each from the National Business Aircraft Association (NBAA).

Dylawska is a bachelor of science candidate in Aeronautical Science with a GPA of 3.75.

She came to America by plane from her native Polish homeland when she was 10.

Her ultimate goal is to become a crew member of an international airline where she hopes to help others come to the "land of opportunity and freedom - America.'

Douglass is an Aeronautical Science student maintaining a 3.6

As a child, he flew remote control airplanes to keep his interest in flying alive and to learn how airplanes fly. NBAA is a Washington, D.C .-

based trade association representing nearly 3,100 member companies which daily utilize business aircraft.

The Association is the principal representative of business aviation before the U.S. Congress, the Administration and state and local government.

NBAA awards 10 scholarships each year. To be eligible for the NBAA scholarship, a student must be a U.S. citizen and enrolled in an aviation-related program at an NBAA and University Aviation Association (UAA) member institu-

The student must be a sophomore, junior or senior who will be continuing in school the following academic year in an aviation-related baccalaureate or graduate program with a grade point average of 3.0 or above on a 4.0 scale.

Applicants must also submit a short essay on their interest in an avi-

The scholarship was administered by UAA's scholarship committee and final selections were made by an NBAA selection committee.

These students represent the future of the aviation industry, and NBAA is pleased to have this opportunity to recognize their efforts, of the NBAA selection committee.

GPS approach system presented to Congress

AOPA Press Release

WASHINGTON-, A dramatic incockpit video comparing today's ILS with a satellite-based instrument landing system underscored FAA's \$230 million RE&D fundan Aircraft Owners and Pilots ing to \$300 million next year to Association appeal for PAA research and development funding.

made the case for advanced satel- and human factors research for lite navigation systems with video general aviation. of an actual Differential GPS approach to a test-equipped runway in Stockton, California.

Differential GPS derives localizer and glideslope information from satellite signals and a ground-based reference transmitter.

incompatible with satellite naviga- eral aviation, tion," Boyer told a subcommittee of the House's Science, Space and a Piper Malibu.

Technology Committee, "The substantial savings and benefits in these systems are too good to pass

AOPA urged an increase in enhance programs for satellite technology, high-octane unleaded AOPA president Phil Boyer avgas, better weather dissemination

Research into alternative fuels (Global Positioning System) is vital to the continued viability of general aviation," Boyer said, "and development of improved weather products will save lives in general aviation."

On human factors, Boyer noted that other than work in progress by "Billions could be saved with an the AOPA Air Safety Foundation, early transition to future systems most research is addressing milithat could eliminate programs tary and air carrier safety, not gen-

The GPS approach was flown in



Alumnus Ronald L. Swanda has worked with GAMA for 10 years.

(SAMA Presse Fledresse

Embry-Riddle Aeronautical University MBA-A alumnus Ronald L. Swanda has been named vice-General Aviation Manufacturers Association (GAMA).

GAMA President Edward W. Stimpson said, "This is a well deserved promotion."

During ten years with GAMA, Ron has been actively involved in a wide range of critically important

GAMA's member companies have found his leadership, background and expertise invaluable, especially in the areas of airport and airway operations, safety and industry analysis and forecasting.

He has also played an important role in our work with the Federal Aviation Administration and the National Transportation Safety Board.

He has served as Chairman of the D.C.

Business Aviation Subcommittee of the Transportation Research Board and has been a member of the NASA Aviation Safety Reporting System and many FAA advisory committees

We are all looking forward to president of Operations at the continuing to work with Ron in his new and expanded position." Prior to joining GAMA, Swanda was a U.S. Air Force transport pilot, also serving as an instructor pilot, flight evaluator and head of an Air Force simulator training facility.

He was a 1976 "Distinguished Graduate" of the Air Force's Squadron Officers School and flew numerous combat missions in

SouthEast Asia. Swanda received his master of Business Administration in Aviation degree with Honors from Embry-Riddle Aeronautical University in 1981 and his bachelor of arts degree in psychology from the University of

Nebraska in 1969. GAMA is a national trade association headquartered in Washington,

Gulfstream IV claims new world distance record



commented Curt Treichel, chairman The Gulfstream IV has set many speed and distance records in its time. N22G is the latest G-IV to make it into the record books.

National Association Americanism Press Release

A 5,500 statute mile flight from Tokyo, Japan to Las Vegas, NV. USA, claimed a new world distance record for the "Pursuit of Perfection" Gulfstream IV, N22G. The flight, with nine passengers, three crew and cargo aboard was flown by Gulfstream Acrospace Co-Captains Dick Whitaker and Harry G. Butler.

Departing from Narita Airport, Tokyo, at 0604 hours GMT, the flight required 10 hours and 4 minutes, landing at 1608 hours GMT on March 5. The fully loaded Gulfstream IV's takeoff weight was 73,200 lbs. The plane landed in Las Vegas with 45 minutes fuel remaining. The average altitude and speed for the flight was 41,000 feet with a step-climb to 45,000 feet, and 546.39 mph respectively.

The Gulfstream's takeoff and arrival times were certified by officials appointed by the National Aeronautic Association.

Gulfstream claimed city-to-city speed and distance records from Tokyo to San Francisco, San Prancisco to Las Vegas and Tokyo to Las Vegas.

The "Pursuit of Perfection" used by Gulfstream Chairman, Allen United States.

E. Paulson who, with three co-captains, established a new eastbound, around the world speed record in February, 1988.

The flight, including three refueling stops, set a record of 36 hours, 8 minutes with an average speed of 637 mph. Less than one year earlier, Paulson and his crew flew the Gulfstream IV westbound around the world from Paris, France, establishing a first-in-history record for that direction.

The new city-to-city distance records flown on March 5 will bring to 78 the number of speed and distance records held by the Gulfstream

All Gulfstream records are flown in C-l.K. Group III for business jets. The aircraft flights are also accomplished in the unlimited category open to all classes of business, commercial or military aircraft. Gulfstream world records are also certified by the Federation Aeronautique Internationale, Paris, France.

National Aeronautic The Association is the U.S. representative of the Federation Aeronautique Internationale (FAI) and is responsible for overseeing and certifying all Gulfstream IV is the same aircraft aviation and space records in the

Canadarm celebrates 10 years of service Meteorites might explain **Canada's Tenth: Canada how planets were formed will celebrate 10 years of

will celebrate 10 years of exploring space aboard the space shuttles. This wasn't the first time Canada had Journeyed into space. Now Canada will work aboard Space Station Freedom.

By Joshua S. Mussaf Space Technology Reporter

When one thinks of the nations involved in space exploration, the United States and the former Soviet Union come to mind, but Canada is not usually on the list

However, Canada has been involved in the exploration of space for more than 25 years.

They were the third nation to launch a satellite, and yet, long after Alouette's triumph has faded from public memory, there is one image that keeps reminding Canadians and the world that Canada is out there, and that they are here to stay.

It was 10 years ago that Canada reached out into space, and the world watched.

The object doing the reaching was a slender, jointed arm bearing a red-and-white maple leaf emblem, and the word "CANADA.

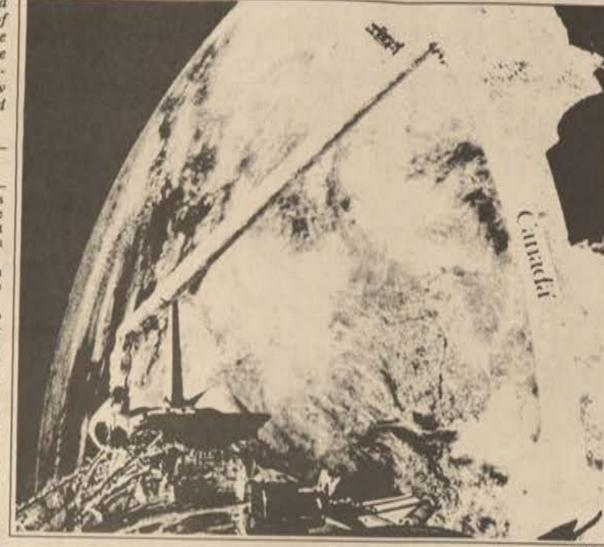
Karl Doetsch is director-general. of the space station program with the Canadian Space Agency. A decade ago, he was deputy project manager for Canadarm, the Canadian-built robot arm that has revolutionized mankind's journey into space.

Canadarm has become a fixture of the NASA space program. It is used to launch and recover satellites, and to carry astronauts as they work

Canadarm weighs little more than 905 lbs. on Earth, yet in the weightleasness of space, it can delicately manipulate cargo the size of a Greyhound bus and weighing about

The arm is generally used to put satellites into orbit, or to latch onto be recovered for repair.

It has also been used as a work platform, carrying an astronaut and destroyed in the Challenger accident equipment, or as a robot mechanic, in January 1986



Canada has produced four robotic arms. One robotic arm was lost in the Challenger disaster. Today Canada is creating the next generation robotic arm for use on the Space Station Freedom. Canada display the Canadian emblem along with the word "CANADA" on the side of the arms to show their achievement in space exploration.

to unplug a frozen vent line on the

Canadarm has proven itself time and time again as an essential component for the U.S. space program.

The first Canadarm was donated to NASA by the Canadian government, in exchange for access to their space program, NASA agreed to pay for three follow-on arms at a cost of about \$24 million each. The four Canadarms were built and delivered malfunctioning satellites so they can in April 1981, January 1983, December 1983 and March 1985.

Three are still in service, one was

When the first arm was delivered tested, due to the effects of gravity to Cape Canaveral, there was some concern that the Canada wordmark would lead other contributors to demand advertising space, leaving the shuttle looking like a billboard.

But Canada is a country, not a company, so the logo stayed. NASA, not to be outdone, placed

a large stars and stripes flag on the

The arm first flew on the third shuttle mission on Friday, September 13, 1981. Canadarm did all that was asked of it and more.

This was all the more remarkable because the arm had not been fully pen on Friday the 13th.

But what testing could be done was accomplished using an air-cushion rig that allowed the arm to move freely over a perfectly flat floor.

That floor and rig are still there, and testing continues to send a new generation of Canadarm into orbit aboard the Space Station Freedom.

Canadarm has become a symbol of excellence in technology.

The Canada wordmark on the arm has given Canadian high technology firms an entry into world markets.

It shows that good things can hap-

Two groups of meteorites thought to be fragments of long vanished planets could help researchers understand how current planets emerged from interplanetary collisions, scientists said.

The findings by Dr. Richard Walker of the University of Maryland and three colleagues from the U.S. Geological Survey are contained in this week's issue of the journal (Science,) which was released last Friday.

The meteorites have been dated to within 100 million years of the formation of the solar system about 4.56 billion years ago.

The meteorites are believed to have come from early protoplanets, which no longer exist and were formed from condensed gases of the solar nebula. Some of the planets

were massive, but most were smaller than the moon, scientists believe. Some were large enough to have molten cores of the type at the cen-

ter of the Earth. As the protoplanets aged, their cores cooled and became solid iron

and nickel, scientists believe. Ninety percent of all meteorites are made of stony silicates rather than iron and nickel. Scientists have been able to date the silicate meteorites by measuring the radioactive isotopes of uranium, thorium or samarium.

The iron-nickel meteorites, however, don't contain measurable amounts of those isotopes. Walker and his colleagues used newly developed techniques to measure isotopes of rhenium and osmium, two heavy metals that are extremely rare on Earth, but relatively abun-

see Meteorites , page 86



The Space Shuttle Endeavour was rolled out to launch pad 39-B for its upcoming launch in May. Endeavour is the newest space shuttle in the United States' fleet of four. Its first mission, STS-45, will reboost the INTELSAT.







Store Hours: Monday 9-5 NO Thursday 9-8 Tuesday 9-5 APPOINTMENTS Friday 9-5 Wednesday 9-8 Saturday 9-4

Sunday 12-4

ERAU DISCOUNT COUPON

uni-sex

precision

haircut

Including

Military Cuts

Reg 6™

EVER

Thursday 9-8 Friday 9-5 Saturday 9-4 Sunday 11-4

FRAU DISCOUNT COUPON

BUY ONE HAIRCUT At Regular Price

GET ONE FREE For A Friend At The Same Time! VALID SUNDAY ONLY 3-22-92

professional haircut & blower styling **Q**95 Reg 9[™]

252-1135

RAU DISCOUNT COUPON

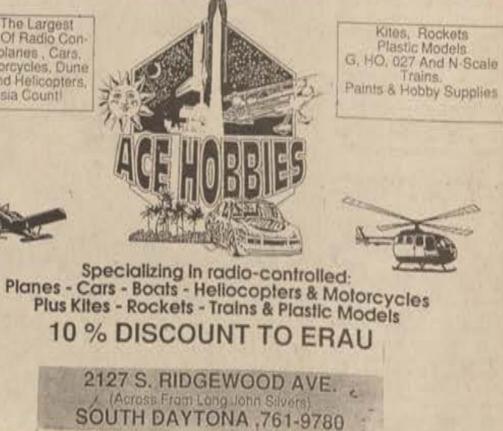
Store Hours:

Monday 9-5

Tuesday 9-8

Wednesday 9-8





MUDSLINGERS

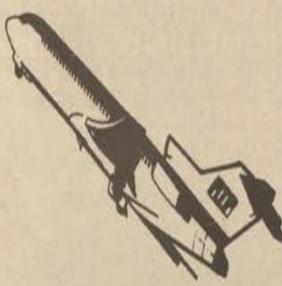
After two
seasons as
the doormat
of the
intramural
softball
league, the



Mudslingers
are riding a
three game
winning
streak into
the
playoffs!!!

Multi-Engine Instrument \$695.00

Guaranteed 3 Days



ATP or FEX Written Prep \$195.00

Includes Immediate Results



Airline Transport Professionals

Multi-Engine
Aeroline
\$55.00 Hr. Wet

With completion of the following:

Aircraft checkout

- •Flight simulator training
- •Seminole aircraft check out
- •Computer flight plan review
- •Crew resource management
- •FAR review

All for only: \$350.00

Multi-Engine Instructor \$695.00

Guaranteed
3 Days

Call
800-ALL-ATPS
Offered in
Daytona

ATP
Flight Rating
\$695.00

Guaranteed 3 Days

High School looking for alumni

Join the new Bethpage High School Alumni Association! The Association is currently attempting to locate all of our alumni since 1960 in order to form a unified group that would have an impact on the standards of our town. We hope to set up scholarships for our current students, participate in projects for our needy citizens, increase town spirit and create a data base of alumni addresses for reunion simplification.

Membership includes quarterly publications, monthly meetings, reunions, scholarships, correspondence and homecoming events. Meetings are held on the third Tuesday of each month in the Bethpage High School Teachers' Cafe, Membership fee is \$5.00. (Donations accepted).

For additional information, please contact Kathryn Farrand at (516) 799-9275.

4215.

Attention student organizations

The Department of Student Activities has been contracted by the Mary McLeod Bethune Community Center to obtain student volunteers. This agency will host their 3 Annual Community Affairs Day on Monday, March 23, 1992. They are in need of volunteers to help with a variety of areas including set up that morning (8 a.m. - 9:30 a.m.), decorations (balloons, table skirting, etc.), set up of their sound system, security, etc.

They are expecting several children from the community to attend this program, and would like assistance to make it a success. Please relay this request to all members of your organization. They also need tutors for those children and help with gathering food donations.

If anyone within your group can help in this worthy cause, please have them call Miss Mobley at 253-9474 for more details.

Flight Team presentation

The Eagles Flight Team is sponsoring a presentation by Andy Blair, an advisory engineer/scientist for IBM. Mr. Blair is presently working on the development of IBM's new air traffic control systems. The presentation will be on March 23 at 1900 hours in A-109.

Scholarship available

The Orville Redenbacher Second Start scholarship is available at the Financial Aid Office.

Applicants must be at least 30 years old and be enrolled at least half-time in a degree seeking program. The award amount is \$1000 and twenty scholarships are offered. The deadline is May 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.

Avion looking for members

The Avion newspaper is always looking for new writers, copy editors, photograpers, 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.

Astronomy presentation

On Monday, March 23, 1992, at 1:30 p.m. in room E-611, Michael Mendillo will be discussing imaging studies of the extended atmospheres of Jupiter and the Moon. Michael Mendillo is Professor of Astronomy at the Center for Space Physics at Boston University. Please see explanation below.

Recent experiments using state-of-the-art optical detectors in conjunction with small telescopes have led to the discovery of faint emission features of extraordinary size associated with Jupiter and the Earth's Moon. In both cases, sodium atoms were detected that trace out the structure of tenuous atmospheric gases escaping from these bodies. For the great nebula associated with Jupiter (extending over 50 million miles), the origin of the sodium is volcanic activity on its moon lo. For the case of our Moon, the sodium atmosphere is produced by the vaporization of material contained in meteorites on the lunar surface,

Employment meeting

There will be an open meeting to discuss hiring requirements for the upcoming academic year. The meeting will be held on Thursday, March 19 at 1730 in G-102. Dr. John Phipps, Director of Flight training and Mr. Mike Wiggins, Training Manager for FA 417 will host the session. All interested individuals are welcome to attend.

Talent Show to be held

Now is your chance to perform live, on-stage for the Spring '92 Talent Show. It will be held March 25, 1992 at 8 p.m. in the John Paul Riddle Student Center.

Acts are limited to no more than five minutes. Dress rehearsals are March 23, in the Student Center, 8 p.m.

Applications can be picked up at the ROKK-M Club Box, located in the Student Activities Club Room.

The Talent Show is sponsored by ROKK-M (Riddle On-Kampus Klub for Musicians) & Student Alumni Association.

Mandatory FA meeting for seniors

If you were awarded student loans as part of your financial aid package while in attendance at Embry-Riddle, Federal Regulations require that you complete an Exit Interview prior to leaving the University. For those students who received monies from the Stafford/GSL programs ONLY, A separate Exit Interview session will be scheduled through the Financial Aid Office. Further information will be provided at a later date for these students, or you may call the Financial Aid Office for further details. However, if you are a recipient of the Perkins/NDSL or REAL loan programs alone or in conjunction with a Stafford/GSL, you are required to complete the Exit Interview conducted by the University Collections Office.

The Exit Interview provides you with important information concerning repayment terms regarding these loan programs. It is especially important that you complete an Exit Interview if you are a borrower from multiple loan programs where the loan program terms and provisions differ from one another. It will be necessary for you to know in advance how entering into "multiple loan repayment" will affect you.

Please contact the University Collections Office at 226-6040 to schedule your appointment for an Exit Interview.

Schedule for Current Semester Meetings: Monday, March 23 10 a.m. & 2:45 p.m. Tuesday, March 24 8:15 a.m. & 1 p.m. Wednesday, March 25 9 a.m. & 2:45 p.m.

All of the above sessions will be held in Room 115 - Spruance Hall.

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

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.

Pianist to perform

Daytona Beach Community College is pleased 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 Shubert. 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.

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-FM 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.

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 bour 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.

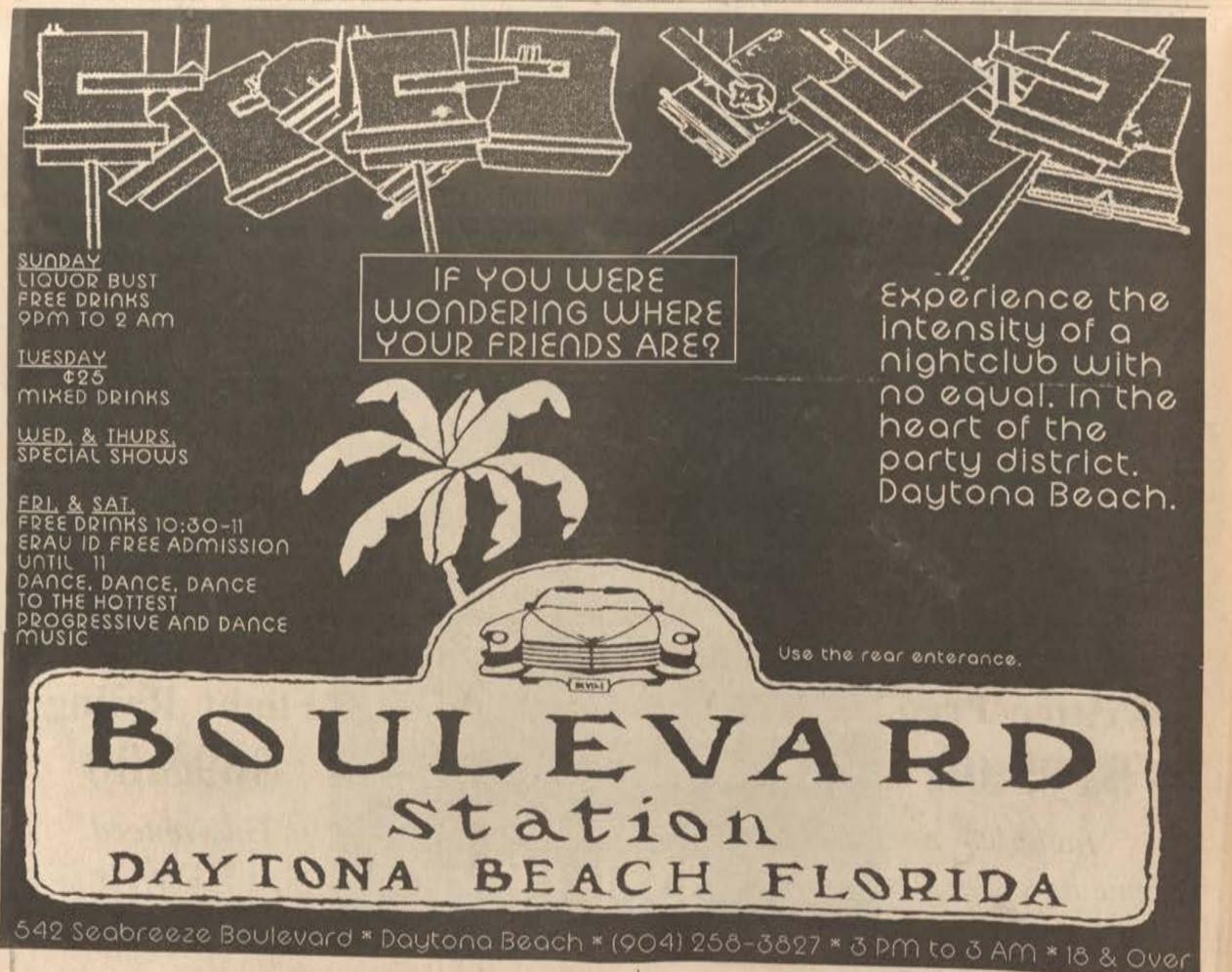
Whether it be rock & roll, pop, folk, latin, or other musical styles, SAFAM's approach to its music has enabled it to reach out to Jews of all ages.

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

Lifeguard Training Course

There will be an organizational meeting for the Lifeguard Training Course at the Campus pool, March 24, 1992 at 10 a.m.

Please pick up an information sheet in the Recreation Office. Contact the Recreation Office for more information at ext. 6530.



CRITIC'S CORNER: Southern hospitality and New York meet for My Cousin Vinny



George Clarke

Diversions

Occasionally life gets kind of strange, and you find yourself in somewhat awkward positions. Take the dreaded physical exam I underwent last week. Please, It was fine, at least up until the point when the doctor decided to probe around in a part of my body I will henceforth refer to as my "ear." As if that wasn't bad enough, he felt compelled to chat with me about the ozone layer, baseball, and other man stuff during the "ear" probe, which I believe lasted for about four hours. All of this got me worked up, so I hit the theater on the way home; I had to get my mind off baseball. I chose to see My Cousin Vinny.

My Cousin Vinny is the new vehicle for Joe Pesci, who starred as a bald burglar in Home Alone and went on to win an Oscar for Goodfellas. Although he doesn't drive this vehicle into a wall, he does put a few dents in the driver's side door.

The film starts out with two

way to college, you see, and they need to pick up some candy bars for the road trip. They stock up and leave. But a few miles down the road, the two are arrested and charged with murdering the store-

This being the South, where apparently everyone is married to their sister and has six fingers and is brain damaged, the two kids are railroaded into a trial by local officials. And the only lawyer the young kids know is the uncle of the character played by Ralph Macchio - Joe Pesci's Vinny.

Vinny, who is from Brooklyn, grabs his girlfriend and heads down to Dixie, intent on getting the kid out of trouble. The problent is, Vinny never actually practiced law - he just passed the bar a few weeks ago. You can kind of see where this is headed: Vinny, with the thick Brooklyn accent, spends the movie trying to humorously come to terms with grits, basset hounds and other Southern things. Oh yeah, he also learns how to be a lawyer, lover and allaround good guy.

The film is billed as a comedy, and it works most of the time. Vinny's attempts at dealing with Southern people are funny. There New York teens stopping at a is a good scene in which, after

rural Alabama. They're on their Vinny gets the better of a local hustler. His daily trials with the five a.m. freight train and roosters are humorous, and the interactions between him and the stiff-collared judge (played wonderfully by "Herman Munster" Gwynne) were charming.

There were a few problems. The pacing was slow at times and not all of the humor hit the target. And the relationship between Vinny and his girl (played by the edible Merisa Tomei) seemed underdeveloped - instead of being flirtatious and new, they seemed to bicker too much.

The best parts of the film were those in which the two had their smart little romantic spats; that only happened twice. And lastly, being from Tennessee, I felt offended at the awful stereotype however innocent - that the film gave to the South. I'd like to see a Southern guy go to New York, where I know for a fact that everyone is called either Sal, Tony or Santino, and where all the old people look like Marlon

But I'm whining. This is an okay flick: it could have been better, but it had its moments. My Cousin Vinny is definitely worth a matince. But be careful who you sit next to. They may try to whissmall-town convenience store in being stiffed during a pool match, per sweet nothings into your ear.

The Outback Steakhouse serves up a great Australian tucker, dinkum

By Boyd Kelly Diversione Editor

Well it was just supposed to be another Thursday night in the life of your average Riddle pilot.

Luck was on my side though, because mom was in town and that meant I could get to eat something substantial for once this semester.

There were many choices to choose from, especially since her birthday was coming up and I wanted this to be a good dinner. The final decision came down to me and I picked the Outback over the Charthouse. Don't get me wrong I cant afford to eat at either but I have been to the Charthouse before so I wanted to try the Outback.

It was a pretty cool evening and I was hungry by the time I got off work. We pulled into the lot and I was already lulled into a sense of safety by the large neon glow of the building. The next thing that hit me was the smell of steaks cooking. This was a good sign, and being hungry I began to salivate.

The atmosphere inside was a little different from what I had in mind. It Caeser salad, bushman bread, and

the Australian items all over the Chips or fresh steamed veggies. wall. Everybody seemed to be having an excellent time, and there was no extra space to be found. We were seated in less than the 10-15 minutes we were told it would be.

There were three of us and that left the right side of my bench open, which worked out well because our server sat down beside me. I was beginning to really like this place. She asked us if we had been to the Outback before and upon finding out that we hadn't she went on to explain what the most popular items were on the menu.

We started of with an "Aussie-Tizer" called a "Bloomin'Onion." The "Bloomin'Onion" is the future in onion rings, and I have eaten it. They take a whole onion and slice it like a blooming flower, season it and then deep fry it. It is better tasting and less greasy than regular

My entree choice was the Outback Special, which is a 12 oz. center-cut zirloin, seasoned and seared to perfection. The entrees are served with a choice of House of has a western look to it, except for choice of jacket potato, Aussie same.

I chose to have the Caesers salad and the jacket potato. The steak itself was cooked exactly the way I had asked and the seasoning was a nice touch.

While I was eating I had a chance to look around the restaurant. It seemed that the steaks were the most popular item although the salads were also quite plentiful that evening. They could well be the biggest salads that I have ever seen.

Dessert choices are limited, but I almost didn't have room for any dessert. Determined to try at least one thing from each part of the menu, I ordered the Chocolate Thunder from Down Under, It was far to much for me to finish even though I am a bona fide chocoholic.

The Outback is located just west of the K-Mart plaza. Overall dinner was really good. The process may be a little much for a college budget, but they are definitely reasonable for a good meal.

If you just don't want to take my word for it, drop in at happy hour and get a "Bloomin'Onion." You will never look at onion rings the

Skid Row lyrics make anti-drug statement on Slave to the Grind

By Jaylin Billig Diversion Writer

When they put out their self-titled first album, Skid Row had less of a hard tock style and more of a pop rock appeal. With the release of their new album, Slave to the Grind, Skid Row has found a new style to

The songs on the new release have a different quality to them than from their debut album, Skid Row has passed the new band stage and has finally come into its own as a heavy metal group. It hasn't taken them long to rise to become one of the top acts today, and Skid Row is finally making a niche of its own in the music scene.

growth in the band as a whole, in a time when most groups are either raise some controversy.

for or against something, Skid Row takes a hard line against drug abuse. With this new release, Skid Row's anti-drug stand is apparent in their

The songs on Slave to the Grind, especially "Wasted Time," which has become a buge hit in the time since it was released, carry important messages on drug and alcohol abuse. Another song on the album that has risen to number one is 'Monkey Business," a beavy commentary on the drug business.

The lyrics on Slave to the Grind are harder-hitting than some fans may have expected, though, A few of the songs could be considered offensive, such as "Get the F-k Out," but it doesn't take away from This CD shows some definite the continuity of the CD. That song is really the only one which might

The band members seem confident enough in their audience now to put forth some different sounds and styles, such as that expressed on the title track, "Slave to the Grind."

Overall, the Slave to the Grind album is a good example of what Skid Row can do. I liked their first album, but I think this album is an improvement on their original style. It is the work of a band that has matured and grown to form a type of music all their own.

Slave to the Grind has received widespread approval from fans and critics, which indicates that Skid Row is not just another one of those bands that come and go, but a mainstay in the rock scene.

definitely recommend this tape to fans of Skid Row, or even to just fans of hard rock. It is well worth the money.

Capital releases Hot Rods and Hard Bods and Cold Kegs and Tan Legs

By Boyd Kelly Diversions Editor

Daytona Beach, Spring Break capital of the world. What place would be more fitting to listen to Capital Records' newest compilation albums. There are two volumes; the first is Spring Break Hot Rods and Hard Bods and the second is Spring Break Cold Kegs and Tan Legs. 1 couldn't pass up these with the

I decided that the ultimate test was in order for these discs. I took

them by a Saturday night fraternity and refreshing compilation set come party and the result was overwhelm- out featuring some great music. ing. These discs are hot. Both contain music taken primarily from the 60s and all by their original artists. The first disk starts off with "Papaoom-mow-mow," "Nobody But Me" and "I Get Around." Further on in the album we get "Summertime Blues" and an all-time favorite, "Do Wah Diddy,"

Disk two starts off right in surfaville with "Fun, Fun, Fun," Surf City" and "California Dreamin'." It is nice to see a new

Some thought went into these disks and it shows. This is more than just an album trying to cash in on great hits. To get most of this music in your collection you would probably have to buy at least one album from each of the artists. This is also a wonderful way to start of an oldies collection.

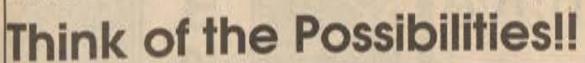
If you enjoy listening to Cool 105.9, then these CDs are just right to keep you going on those days when the radio just won't tune in.

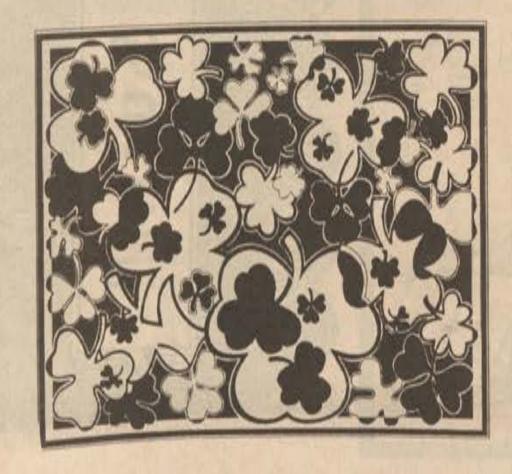
Do you ever wish you could switch with the President of Embry-Riddle for just

one day?
Now this can be made possible courtesy of the Student Alumni Association.

For a single dollar, enter your estimate of the number of animal crackers there are in the jar and you could be the next president. The jar will be in

front of the mailroom March 30 and 31.







+Autos for sale

For Sale: 1986 Monte Carlo SS. Black/grey interior. Glass T-tops. Great condition, \$5800, Call 761-8600 evenings.

Kawasaki 650 CSR 1981 19,500 miles. New rear tire and battery, \$900 OBO, Call Bill

Motorcycle: 1985 Honda Interceptor, 750 oc \$1400, Call 760-0961

+ Roomates & Rental

Female roommate needed for Summer B term. Rest \$142/month plus 1/3 electric. Only 10 minutes from school. Call Malissa 760-

Home for mnt: Ormond Beach, 4 bedroom, 2 full baths, living room, large kitchen, fenced yard, swimming pool, beautiful sening. \$720. Call 676-9100.

For Rem: Furnished bedroom in 2 bed/2 bath apartment in Island Club. Available for Summer A & B. Rent is \$180/mo. plus 1/3 utilities. Non-smoker. Conract James at Box. 7923 or call 756-0935 and leave message.

Polican Bay, all amenities, \$375 includes everything. Call Neil 756-1916.

Room For Rent: \$150 per month plus 1/4 utils. 255-2782.

Huge house for rem NOW!! Need one roommate to share 7 room (3 bedrooms) boose with screened-in porch. Laundry room and 2 car garage. \$250 per month includes utilities. Call Steve MWF 8:00-12:30 extension 7024 or 767-6170.

Roommate wanted. Beautiful, clean mobile home 7.5 miles from ERAU. Fully furnished except for your room. Cable, pool, tennis, great neighbors. Prefer a female \$240/month. Jim - 767-8435.

Roommate wanted: beginning Summer A till. next year. Summer Lake apartments, 3 miles from ERAU, \$242/month plus 1/2 utilities. Have your own bedroom & bath - completely furnished. Call Jon 788-3774.

Townhouse for sale: 2 bedroom, 2.5 bath, large, great room and kitchen. Pool, lake. Forest Lake, Beville road area. Asking \$54,900. Call 760-0961.

> Miscellaneous

For Sale: F-40 Warhawk R/C gunt L/4 scale, 8 ft. wing span. Fiberglass cowling, AL spinner, 80% finished. Awaseme! Must see! \$200. Call 760-3219.

For Sale; Soursh-60 RAC boat. Domes fiberglass buil. All running bardware. Trim tabs, twin or single rodder \$100. Call 760-

+ Misc, for sale

For Sale: Technics double deck with plenty of functions. \$120 OBO. Call Jose at 238-3303, Leave message.

Macintosh Plus with 4 megs RAM, external 20 mng H.D. linage Writer II. Loads of software \$1900 OBO.

For Sale: Airtrooles Vanguard 6-channel R/C aircraft radio, Brand new, never used or installed. 4 servos \$145. Call Jim et 253-7386

Windsurfer Mistral Maul 6.0 sail, harness

Mustang rear window louvers. Hatchback. '84 and up \$200, 322-2467.

Beautiful queen size waterbed for sale. Nice headboard with shelves and a mirror. Built-in drawers underseath, \$100, for more information call Kelley at 756-1401.

Aquarium - 30 gallon. Includes: stand, bood, light, two filters. 360 - Call Bill 238-6480.

Ride Wanted - To Maine or New Hampshire at end of semester. Will share gas and driving. Call Brian at 760-6872 or box 5985.

Private Tutoring: Need help in math, physics or engineering classes? I can help you. I have a degree in Engineering. Call Kenny at 767-

Student looking for ride at end of Spring to NJ. Will split for gas and other expense Contact Matt DeVitto, Box 6390 or Dorm II

Anyone who has access to an airplans and is building flight time I would be willing to ride along and share cons. Contact Rick CFII at 767-3608 or box 5636.

+ Personals

Thank you for last night. I'll never gain back what I've lost. BRANDON

LITTLE MEOW MEOW You make me wag my tail. BIG MEOW MEOW

I way you KITTEN

TO THE AVION STAFF. Yes, I'm actually graduating. I've enjoyed the stress and pressure, NOTI Keep it ethical and get some girls at the damned purticul I'll will be in town for a while. I'll send a postcard when I'm famous! JONNY O.

Congrata to the final four co-ed softball teams. G and O way to go. NA-NA, Hey-hey and good hye THE K-KLUB

ANDREA

When will you set me up with Danette? If you can't then you should go out with mal LOVE CHARLIE D.

CAPTAIN MAZELTOVI SPOCK

Oh hell! Just wash these beads off, they'll be as good as new

Happy Birthday Crystall I know your birthday will be Great!

Jesse, that's mm a good grip she's got there.

So dear, wanna talk? How about Australia!! Only 37 days away. Can't wait.

SHNUCKUMS, I have you!! DUMPLING

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

LANCE

Don't ye think it would be a little more comfortable in the van, than on top?

Whats that switch read? I don't know Joe, I'm in sawdust mode. Oh! Never mind Al, I'll just flip this hig one that says main.

FEMALE NAVAL PILOT Where slid you get your pilets license, out of a Cracker Jack box?7 US AND THEM

It's a good cousting our All!

Welcome Penn State Beaver Mary Jane, Heather, Joyce, Linda and Andrea. Have a super time here in Daytona.

BOYS FROM DELTA CHI We think its the fuel pump! Lawton: (super prenius mechanic) it's just a short! Boys from Dulta Chi: what about the fuel pump? Lawron (super genius mechanic): Oh! You'll be alright-thus will be 550, 2 hours laten come on help me push.

Question: What can hold more water - the dykes of the Mississippi or Sooti Simko's? Please see Scott for the answer

To the members of the ding ding clob-"Beabs for b__be"

Yeah, I was wondering what the crosswind component was on the female naval pilot's

What happened to your hand? Were you cooking wings or something?

It is people like you who give us hope for the future. The bravery and citizenship you showed at the accident was very admirable and I know everyone involved appreciate what help you offered. On behalf of the community-Thank youl!

Hey, great static display of the Navy A-61 I just hope she was able to find a runway with no crosswind before the ran out of fuel. THEM

JEREMY PISELL

Thanks for cleaning the place. I hope Chris doesn't kick your 6955. Don't worry about me, I not going to be Mamma anymore. NOT THE MAMMA

TO RANDOM VIOLENCE I know who you am: I have a Jap car: If you go to far: You'll need a coroner. POCUSED VIOILANCE

BUT SPOCK CAPTAIN

SHE WHO BRINGS LIGHT TO THE DAY You are my sun, my moon, my starlite sky. Without you I dwell in darkness. SENOR AZUL

BARY I love you, too. Same time next year? TRAY-BAY

TRAY BAY Had a wonderful time, I love you, sorry no BRI

THE 998 Never, I repeat never, send a woman to do a man's job!!

As for the female naval pilot who couldn't land here with a 12 knots crosswind, thank you, it confirms all my suspicious about women pilota. THE BOYS FROM BOSTON

MR. VARIETY How many ways are there? THE GIRL NEXT DOOR.

TO THE GUY WHO SAYS HE'S FROM GEORGIA Energize me bunny! ATTITUDE

Get a headlight for your bicycle! LITTLE BEAST

80 dollars for a napkin.

Don't stress so much! Does the offer still stand?

VARUSHA Same time next week? This time bring your

I want to be an Airbome Ranger. I want to live a life of danger.

Sorry, but we couldn't run that other personal. It was a little too libelous. Just toos it down a C.ED.

To the guy in the Renegade Jeep with the Pennsylvania plates that saw us girls in the white Mustang under the Seatmeze tonnel. Drop us a line LOVE, RABBITS Box 4114

MR. WILSON Have you found your whites yes? We all know who really has them. LOVE, RABBITS

h's not how deep you fish, it's how you. wiggle your worm.

Third? What about your muchas amoochas??

CAPTAIN & MR. SPOCK Sirs. Please stop that! The ship is shaking

Seize the day, I know, I know. It's not easy,

but I'm trying. I know I'm a pain, sorry.

Thanks for putting up with me. I love you. THE DREAMER

spart. She can't take much more of this.

Happy Birthday sweetlel Hope you have a good day and hope you enjoy dinner! I love

Those who can, do. Those who can't, teach. And those who can't teach, Teach teachers.

h's not the size your wand, but the magic you

To do is to be. To be is to do. Do-be-do-be-do.

FRANKLIN If you're not cheating, you're cheating

I think we're all a little bizarre. Some of us are just better at hiding it than others.

What's the matter Masters? Someone step on your humater?

Everything you know is wrong!

These things work. Grunted most of this column is my own work, but still, give these things away and you should get a response.

He who knows not and knows not that he knows not, is a fool, avoid him-He who know not, but knows that he knows not, is ignorant, teach him. He who knows, but knows not that he knows, is asleep, waken him. But he who knows, and knows that he knows, is a wise man, follow him.

PHOENIX BABB It's better to be safe than sorry. I've got what

you need. RIC

F A S T FUNDRAISING PROGRAM

Fraternities, sororities, student clubs. Earn up to \$1000 in one week. Plus receive a \$1000 bonus yourself. And a FREE WATCH just for calling 1-800-932-0528 Ext. 65.

Meteorites (continued from page B2)

dant in iron meteorites.

Although collected from around the world, the meteorites in one group are believed to be pieces of the metallic core of a single planet. A second group of similar meteorites may have been part of the core of a larger planet that was created at the same time as the first, but took up to 178 million years longer

Walker and USGS geologists Mary F. Horan, John W. Morgan and Jeffrey N. Grossman examined the two sets of meteorites last summer using an advanced mass spectrometer at the College Park campus, the scientists said.

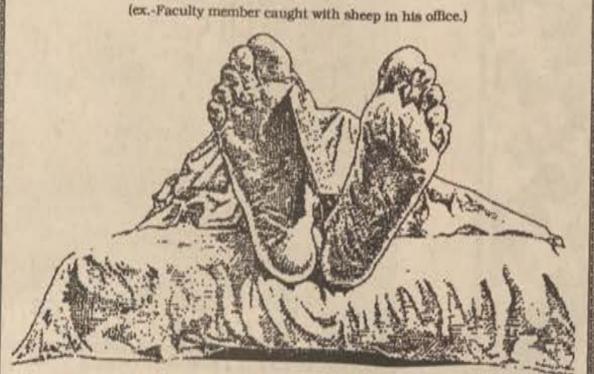


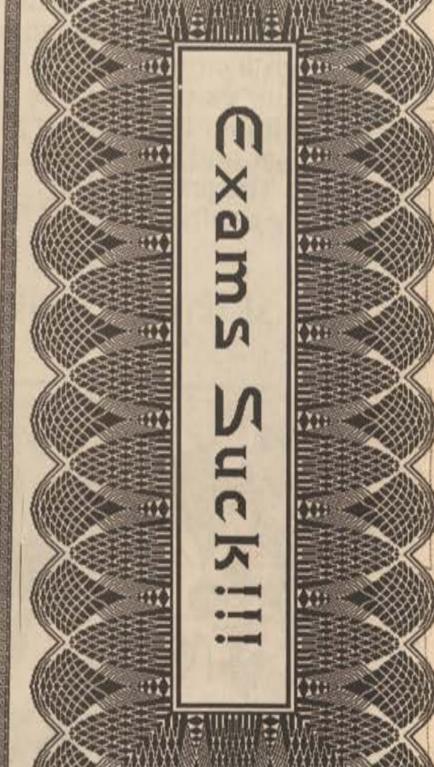
Bea part of the space program.

Join the Space Technology team!

THE AVION

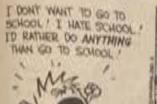
Join the Avion and hear the good stuff that we have to bury.





by Bill Waterson

by Gary Larson



THAW THOO

TO PAY ANY

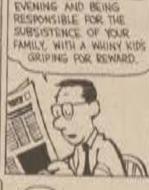
DUES IN LIFE







TO ME ON A

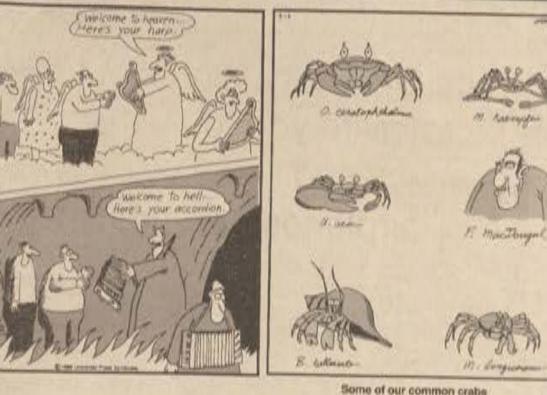


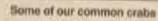
YOU'LL LIKE WORKING TILL





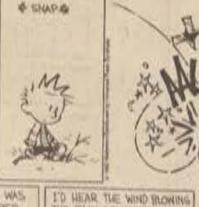


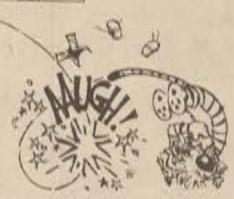






STILL IN BED





INSTEAD, I'M

TOWN CHA CLICY

WAITING FOR THE SCHOOL BUS

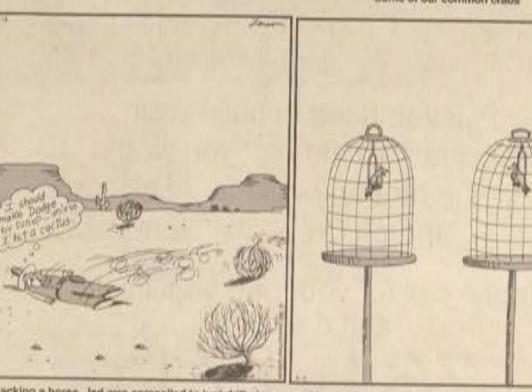
TO TAKE ME TO

THE GOLAG









Lacking a horse, Jed was compelled to just drift along with the tumbling tumbleweed.

Calvin and Hobbes

"Oh, yeah? Well, maybe I'll just come over there and rattle your cage!"



SATAN WORSHIPING

SUKTOR ADVISCATING

HEAVY METAL



THE RAIN AGAINST THE

FALL BACK ASLEEP

WINDOW PANES AND ID PULL

THE BLANKETS UP, GET ALL TOASTY AND COXY, AND









Sumo temporaries

"Oh my God! It's Yvonne!"



Mister Botto



HANDS HAVEN'T KILLED THEM-





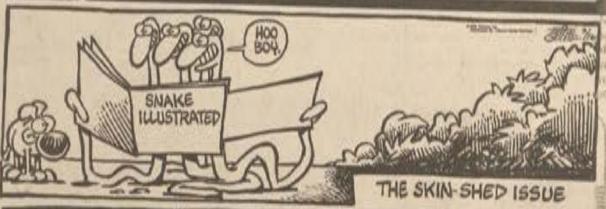
Mother Goose and Grim

by Mike Peters

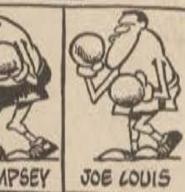














DARN ... MY BIG DATE AND I CAN'T. HIT AN ARTERY!



VAMPIRES WHO DON'T WEAR THEIR RETAINERS



Spruce Creek Aviation, Inc. Spruce Creek Airport

1 Beech Boulevard • Daytona Beach, Florida 32124

Spruce Creek Aviation would like to invite you to fly the

cleanest and best equipped airplanes around.

Cherokee 140

Warrior Cessna 172

Arrow

Cherokee 235

Seminole

V.F.R.

Full I.F.R./D.M.E.

Full LF.R./D.M.E.

Full LF.R./D.M.E.& LORAN Full LF.R./D.M.E.& LORAN

Full LF.R./D.M.E.& LORAN

If you need to build your cross country time or if you would just like to rent an airplane, consider Spruce Creek Aviation.

Please call for your personal invitation and directions.

Spruce Creek is a private airport • Use is by invitation only

AVIATION EMPLOYMENT SERVICES

A DIVISION OF AVCON

ERAU Student Special 14 Months of Service for the Price of an Annual Membership!

Valid on any Membership, Offer Expires April 17, 1992

BASIC MEMBERSHIP

Referrals for Corporate, Charter, and Flight Instructor positions in Aircraft up to and Including light Turbo-Prop. \$179

ULTIMATE COMBO

Master and Crew Memberships combined! Price is per person. Split crew/ultimate memberships are possible. Call for details. \$295

CREW MEMBERSHIPS

Be hired as a crew! If you work great together now, why change. Includes Master Membership Referrals, and is designed for Corporate Aircraft thru heavy jet. \$384 (2) or \$456 (3)

MASTER MEMBERSHIP

Referrals for Airline, Corporate, Charter, and Flight Instructor positions in any Aircraft thru heavy jet. \$229

MECHANICS

BASIC MEMBERSHIP Referrals for Airline, Corporate and Charter Flight Depts operating various aircraft thru heavy jet.

For More Information on How We Can Work for YOU, Call 1-800-554-6554 ext. 525

Philair Flight Training







Multi Engine PA34-200 Seneca \$99/hour wet 50 hour block \$4,750 100 hour block \$8,500

Aircraft hangared on Daytona Beach Airport

C-172 XP 193 HP Constant Speed \$60/hr wet

Cessna 152 Full IFR \$40/hr wet Discounted Block Time \$37/hr Wet

Phil Herron HANGAR (904) 253-9222 OFFICE (904) 248-4793

Professional Flight Training at Economical Prices.



Salutes 50 Years of Military Aviation "Pearl Harbour to the Persian Gulf"

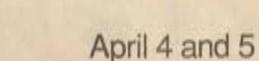
Featuring:

Tora Tora Tora

a Re-creation of Pearl Harbour

- South's largest display of military aircraft
- * Military jet fighter demonstrations
- * F-117 Stealth Fighter
- * Gene Soucy / Teresa Stokes, Showcat Wingwalking
- * Sean D. Tucker, Power Aerobatics
- * Bud Light Micro Jet, World's Smallest Jet
- * Fina Pitts, Jan Collmer
- * Mikoyan Mig-17, Doug Schultz
- P-51 Mustang, Lee Lauderback
- * B-17 and B-25 Bombers
- * AT-5 Texan, Gene McNeely
- * B-1 Bomber Sunday only
- * F-16 Demonstration

Central Command Special Operations Parachute Team ERAU Parachute Team Masters of Ceremonies, Larry Rutt and Gordan Bowman Jones





On Display:

KC-135 F-14 C-141 F-15 C-130 F-16 P-3 8-3 F-18 A-6 F-111 EA-6 AV-8B A-10 T-34 OV-10 T-2 E-2 T-37 AH-64 T-38 HH-3 TA-4 C-21 UH-1 HH-53 and more... KC-10 C-5

Special discount for ERAU students only! \$7 advance - \$12 at gate (limit 2 tickets per student)

Now on sale at Cashiers' Office, Spruance Hall
