

6-1-1988

## Avion 1988-06-01

Embry-Riddle Aeronautical University

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# WORLD

An Award-Winning Student Newspaper

Volume 59, Issue 2

Embry-Riddle Aeronautical University, Daytona Beach, Florida

June 1, 1988

## Alumnus killed in airplane crash

by Martin F. Smith  
News Editor

Former Daytona campus flight instructor Joseph C. Heuchert was killed Wed., May 25 when the Cessna 402B he was piloting crashed while attempting an emergency landing at Columbia Metro Airport, Columbia, South Carolina.

Heuchert was flying the Cessna for Napier Air Service, of Dothan, Alabama at 9:06 p.m. Eastern Daylight Time when the accident occurred. A Napier official who asked not to be identified stated that the aircraft was carrying approximately 150 pounds of cargo at the time.

According to Federal Aviation Administration (FAA) public affairs spokesman Jack Barker, Wisconsin saw Cessna N9492A make what appeared to be a normal takeoff from Columbia's runway 11. The tower instructed the Cessna to turn to a heading of 150 degrees when Heuchert replied that he was having some kind of elevator trouble and could not maintain control of the aircraft. Columbia tower immediately cleared Heuchert to land on any runway. Heuchert radioed that he would enter a left traffic pattern to return to runway 11, but crashed before he could safely return to the runway.

The aircraft was destroyed by the crash. Heuchert was the only person on board.



Joseph C. Heuchert

University officials said that Heuchert had been flying similar aircraft for Midline Express of Atlanta, after graduating from ERAU in 1986. A Napier spokesman said that he believed Heuchert had approximately 1,600 hours total time.

An FAA spokesman said that there was initially some confusion as to who owned and operated the Cessna. He said that records showed the plane had been purchased by Napier from Midline Express and had just been delivered Monday.

According to officials from ERAU relations, several alumni who worked for Midline Express cited concerns with their maintenance procedures. An FAA spokesman said "many small freight outfits operate on a shoestring" when asked about the maintenance procedures of small airline companies. The NTSB determines probable cause in accidents involving aircraft. The NTSB is investigating this crash and has not commented on possible causes.

The FAA has recently stepped up spot inspections on small commuter and freight air operators because of a sharp rise in accidents. FAA administrator Allan McArtor is currently taking additional steps to insure the safety of all commercial operators, which have increased greatly since airline de-regulation went into effect.



Dr. Jim Cunningham and Dr. Sam Goldstein (right) rehearse the Virtuuous Island in Spruance Hall in preparation for opening night.

## Students offer play: the Virtuuous Island

by Phyllis A. Salmons

Associate Professor of Physics  
The Virtuuous Island, a one act comedy, will be performed on June 9 and 10, in Spruance Hall. The performers and crew will be made entirely of Embry-Riddle students, faculty and staff. The students involved are members of Ms Ann Magala's speech classes.

Four faculty members will appear in the play: Dr. Sam Goldstein, Dr. Jim Cunningham and Dr. Ann Apperson of the Humanities Department and Dr. Judith Agrawal of the Computer Science Department. Also, Kathy Parise ISLAND, page 6

## Course features trip to Oshkosh

By Phyllis A. Salmons

Associate Professor of Physics

Students enrolling in AS-499 this Summer B term will attend the nation's largest aviation convention: the Experimental Aircraft Association's (EAA) International Fly-In Convention and Sport Aviation Exhibition at Wittman Airfield in Oshkosh, Wis. This year the convention will be held July 29 to August 5. Each year Wittman Airfield becomes the busiest airport in the world as en-

the educational experience available in the hundreds of static displays, forums and seminars. Students enrolling in AS-499 this Summer B term will attend the nation's largest aviation convention: the Experimental Aircraft Association's (EAA) International Fly-In Convention and Sport Aviation Exhibition at Wittman Airfield in Oshkosh, Wis. This year the convention will be held July 29 to August 5. Each year Wittman Airfield becomes the busiest airport in the world as en-

The aircraft was destroyed by the crash. Heuchert was the only person on board. There were no injuries reported on the ground. The 402B is a six, twin-engine aircraft, normally configured for six passenger seating. An official with Napier stated that he believed the National Transportation Safety Board (NTSB) was not focusing its investigation on weather or engine trouble as a probable cause for the accident as they were unlikely a factor. He said that Heuchert had been hired by Napier Mon., May 23, and that the Wednesday evening flight from Columbia to Atlanta was to have been his first cargo run for the company.

Heuchert was a well liked student and instructor and was highly regarded by fellow Midline Express employees. Officials with ERAU's flight department said that Heuchert was a good pilot who "knew the risks associated with flying airplanes...and accepted them" and that there was nothing negative in his university employment record. He was a member of the Senior Class Council in April of '86 and served as treasurer of the Scots Club in '84 and '85. Funeral arrangements will not be known until Heuchert's remains are released by NTSB investigators. Heuchert was 23.

Embry-Riddle has no formal journalism program other than one course that is occasionally offered. Teresa Anderson, Avion editor in chief explained, "At (journalism) conventions, we're known as the 'fly-boys from Daytona' but we've also got a reputation for excellence." "Almost every school that we compare against has a journalism major. Our competitors are future journalists. Also, nearly every one of our competitors pay their staffs. The Phoenix and Avion staffs are completely voluntary," Kelli Young, Phoenix editor in chief added. Several representative issues from the 1987 calendar year were submitted. The Avion was judged in such areas as overall excellence, the quality of its news stories, editorials, display ads, features, photography, layout and graphic illustrations. One of the second place awards was for overall excellence (weekly or less frequent publication). The judge was New Hendricks, managing editor of the Tribune-Star, Terre Haute, Ind. Hendricks commented about the

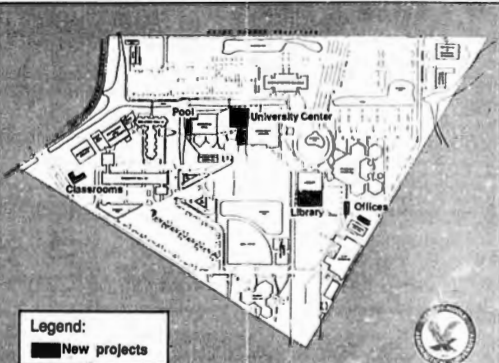
Avion's excellence. "Certainly the Avion is the most specialized paper in a field of general-interest papers...But let's be clear that as a recognition of the Avion's readers' interest and applaud how well the paper does what it does." The Avion's other second place award was for front page layout. This award included all the newspapers entered. The issue that was critiqued in this area was the Dec. 9, 1987 issue. The judge for layout was Phil Nesbitt, graphics director of The (Beran) Record. Nesbitt remarked that this was "a close call. This paper had many aspects which qualified for the first place award, however all the headlines were underlined and the crash story was gray - it didn't command the impact of the event. I found myself looking for a picture of the pilot or a crash photograph. Overall, another very professional newspaper." The honorable mention was awarded to Tim Van Milligan, former Avion editor in chief, for a display ad that he designed for Eagle Flight Center. The 1987 "Taking Off" yearbook was entered in the competition. The Phoenix was judged on such aspects as coverage of the year, reporting in news, overall concept and photography. The Phoenix yearbook received two honorable mentions. The first was awarded to Ray Naze, former manag-

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## Building projects underway on campus

by Timothy S. Van Milligan  
Former Avion Editor-in-Chief  
Nearly \$6 million in new construction projects are scheduled to take place this summer on our 86-acre, 30-building campus. According to University President, Kenneth L. Tallman, the building program is aimed at increasing the access and convenience of some university services for the 5,000 students, as well as providing more facilities for instruction and study. The projects, Tallman explained, include: Phase II of the library, University Center (UC) additions, a pool addition, and new prefabricated classrooms. The addition to the Jack R. Hunt Memorial Library will consist of a multi-level 28,000 sq. ft. addition that will increase the seating capacity of the library from 281 to 807. Cost of the new addition, consisting of a ground floor and two upper mezzanine levels surrounding a light well from a ceiling skylight, will be \$2.75 million. Designed by the architectural firm of "Mitchell and Tye" of DeLand, the project will be constructed by Bomar Construction of Ormond Beach. Current floor space of the library is 20,000 sq. ft. The new addition to the University Center will consist of a multi-purpose building housing the cafeteria, bookstore, some meeting hall and staff offices. The project already under construction, will provide a Snack Bar of approximately 5,000 sq. ft., a new bookstore of approximately



8,000 sq. ft. and a new Post Office of approximately 5,150 sq. ft. A second floor above the Bookstore/Post Office portion will provide office space for Continuing Education office and the combined Records & Registration functions under the direction of the University Registrar. Cost to add 36,500 sq. ft. of space to this facility will be \$2.75 million. Architect for the project is Kenneth McGo of Spruce Creek. Located next to the Engineering Building, new portable facility offices totaling 1,960 sq. ft. at a cost of approximately \$30,000 were added during the spring semester. These offices are being leased to graduate students and other research personnel. The addition to the Tim W. Davis Swimming Pool complex will expand shower and dressing room area as well as adding additional offices for athletic and recreational purposes. Plus expanded storage space for athletic equipment. Cost of the \$450,000 see CAMPUS, page 10

## Student publications receive awards

Both Avion and Phoenix gather prestigious honors

by Teri Entenberger  
Avion Staff Reporter

The Avion newspaper and the Phoenix yearbook took several awards in the 1987 Society for Collegiate Journalists national competition. The Avion received two second place awards and an honorable mention, while the Phoenix was awarded two honorable mentions. "What makes these awards an even greater achievement is the fact that Embry-Riddle has no formal journalism program other than one course that is occasionally offered," Teresa Anderson, Avion editor in chief explained. "At (journalism) conventions, we're known as the 'fly-boys from Daytona' but we've also got a reputation for excellence." "Almost every school that we compare against has a journalism major. Our competitors are future journalists. Also, nearly every one of our competitors pay their staffs. The Phoenix and Avion staffs are completely voluntary," Kelli Young, Phoenix editor in chief added. Several representative issues from the 1987 calendar year were submitted. The Avion was judged in such areas as overall excellence, the quality of its news stories, editorials, display ads, features, photography, layout and graphic illustrations. One of the second place awards was for overall excellence (weekly or less frequent publication). The judge was New Hendricks, managing editor of the Tribune-Star, Terre Haute, Ind. Hendricks commented about the

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Classified	9	Puzzles	7
Clubs	6	Opinion	9
Comics	7	Space Tech	10
Notices	8	Student Forum	2

Trivia: A blue moon is when two full moons appear in the same month. The last one occurred last Tuesday. Blue moons happen once every three years.

Editorial

The threat of censorship

Censorship is a journalist's single most hated word. With censorship comes the elimination of "certain unalienable rights". Censorship violates the rights of the press. But it does not stop there. It also goes on to violate the rights of the general public.

When the press is denied the rights of free press, the public is denied the right to knowledge. And without knowledge, there can be no free will for if a person knows only some of the facts, he cannot determine the best alternative and is forced into decisions based on half-truths and subjected to the will of those who control the press.

Several infamous cases of censorship have occurred in the U.S. in recent months. There's the well-publicized case of the Supreme Court ruling that high school publications do not have the rights of free press and are, therefore, subject to administrative "approval". There is also the case of the college radio station that was forced to eliminate heavy metal music from its programming.

These national newsmaking items are not the only instances of censorship. The "it can't happen here" maxim does not apply to Embury-Riddle and the Avion.

Each year the student body elects new officials of the Student Government Association (SGA) and each new administration, without fail, decides it wants to see how far its "power" reaches. Inevitably, one of the first targets is the Avion.

A student government is not too different from any other government. Nothing would please it more than to control the press and, consequently, be able to operate in any manner without fear of exposure or opposition.

The SGA ended last semester threatening to cut the Avion's budget because one of the SGA's projects didn't get the exposure that they desired. This is censorship!

What the SGA erroneously believes is that they fund the Avion. The SGA does not. The students fund the Avion. We are a student paper run by students and not by the SGA for the benefit of the students and not the SGA. The SGA is only a channel through which student monies are directed. The Avion is not a puppet of the SGA and the SGA does not fund the Avion.

Thus, as each SGA administration tries to control the Avion, they learn the hard way that the Avion guards its constitutional rights jealously. After all, Embury-Riddle students don't want to read a propaganda vehicle, they want to read the news.

As there is a need for separation of church and government, so should there be a separation of press and government. If the press subjects itself to the suggestions of

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As there is a need for separation of church and government, so should there be a separation of press and government. If the press subjects itself to the suggestions of the government, the press leaves itself open for directives from the government. And, likewise, as the press allows directives, it soon finds itself run by the government.



Student Forum

Do you think President Tallman should set aside an afternoon on a regular basis for student conferences? What advantages/disadvantages do you foresee?



Yes...It gives the students a chance to express their ideas and also show their support for the University.



Yes...Advantages: more interaction with students. Don't know what Tallman looks like. Disadvantages: He will know more about what the students like or dislike about ERAU.



Yes...Advantages: getting more things said instead of ignoring them.



Yes...Advantages: get important things done. You can go straight to the bottom.



Yes...Advantages: getting more involved with students. Disadvantages: Students might not take enough advantages of it.



No...I don't think it needs to be President Tallman, because we can get information from other people. (We) have to go through the chain of command other wise people's feet get stepped on.



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Letters to the Editor

Thanks from Employment

Your article on Student Employment... I appreciate your factual reporting and commend you for a job well done!

Professionalism prevails

On Fri, May 20, as an FA-206 student... I worked!

With an obvious sound of elation, the LP notified all involved that we now had the gear fully extended and locked. A safe, uneventful landing was made and we sat the Riddle maintenance van just off Runway 7L at the turn-off.

Throughout this experience I observed nothing but professional calm on the part of the LP, and the student pilot. Believe me, it was a damn good feeling to know who was sitting up front in the right seat.

Although I was not actually a flight crew member during this, I hope very much this will be both my first and last in-flight emergency! Thanks again to all involved who helped us avoid the very undesirable occurrence of a gear-up landing.

Housing responds to SGA dorm report

To the Editor: Thank you for including the 87-88

SGA Housing Report in this week's issue of the Avion. In the last few years we have found this annual SGA-sponsored project to be very helpful to us in identifying areas of needed improvement in our on-campus residence halls and very much appreciate the SGA's efforts.

Perhaps students will find equally as informative in response to the report which describes our plans for improvements. A copy is attached. Please feel free to print your response as a follow-up to the printing of the report.

One of the projects that we are most excited about is the refurbishing of the lounges in both Residence Hall (RH) I and II. We have been planning for this for some time.

The issue of pest control in the residence halls is an important one to us. Our goal is to maintain a clean, safe and pest-free living environment.

The R.H. II lounge is admittedly rather small but space constraints prevent us from providing a larger area. Our hope is that with the new furnishings and better pictures for the walls, the lounge will become a more comfortable and enjoyable place for students to relax.

In addition, Department of Housing personnel will provide spot exterminations for specific problem areas upon request. Students may report any pest problems using the maintenance request books or by reporting problems directly to our office.

Truly effective pest control in the residence halls requires the cooperation of students. We ask the students to be very careful not to leave food out which would be attractive to insects.



The Avion is a division of Student Government and is funded by the students of Embury-Riddle.

- Editor-in-Chief: Teresa Anderson
New Editor: Martin F. Smith
Photography Editor: Richard Clarke
Secretary: Mike Racine
Space Technology Editor: Chip Zworn
Production Manager: Ben Brennan
Avion Advisor: Dr. Roger Osterholm
Advertising Manager: John Gonzales
Copy Editor: Chris McCallister
Business Manager: Mickie Boggs

This week's staff: Chris Legwick, Eric Foster, Kelli Young, Ray Natus, Todd Usher, Cathy Donohue, Dana Gagli, Larry Newcomer, Blaney Farnstead-Longo, Tim VanMikigen, and Phyllis Salmons.

The Avion is an Associated Press member newspaper, and subscribes to Campus News Digest and College Press Service. The Avion is a member of the Columbia Scholastic Press Association, College Media Advertisers, and the Associated College Press.

## Tournament raises \$2,000 for ERAU golf scholarship

by Kell Young  
Avion Staff Reporter

Participants in the fourth annual Embry-Riddle Aeronautical University Golf Scholarship Tournament raised \$2,000.00 for the Embry-Riddle Golf Scholarship, Sat., May 21. The tournament, held at Spruce Creek Country Club, boasted 80 participants of which 15 were Embry-Riddle students, faculty and staff. Among those putting was President Tallman.

The format was a four-person men and/or women competition using full handicap. A shotgun start (all players start from all greens) kicked off the tournament at 8:30 a.m. The program included coffee

on arrival, green fees, cart, on-course refreshments, lunch and prizes. There was a donation of \$50 per player.

John Lydon, Bud Macley, Don Burkert and Clarence Vandembush made up the winning foursome. A drawing was held at the end of the luncheon for a four-day cruise for two on Premier Cruise Lines, won by John Lydon. There was also a drawing for two round-trip tickets to anywhere in the continental U.S., compliments of American Airlines, won by Bill Kalange.

The purpose of the tournament was to raise money. All proceeds from the tournament went directly to a scholarship fund for students who play golf for the University.

## Free tutors available for many courses

by Phyllis A. Salmons  
Associate Professor of Physics

Tutors are available at no charge to students in several disciplines across campus. Free help is available in the areas of Accounting, Aeronautical Science, Avionics, Mathematics, Physics, Chemistry and Writing.

Students in Accounting courses, MS 210, MS 212 and MS 312 may seek assistance during the Summer. A term from 11:30 to 1400 Monday through Thursday, with other hours available by appointment. Students should go to the Computer Lab in C building for assistance in Accounting. Questions about the Accounting Tutorial Program should be directed to Professor William Chamberlin of the Aviation Business Administration Department.

Students taking Aeronautics I (AS 150) may take advantage of the free Directed Study Program available on Wednesdays at 1930 in Room G-109. The sessions will address any topic covered in the course. Questions about the Directed Study Program should be addressed to Professor Dana Middlekauff or to the Aeronautical Science Department Office in G-107.

The Avionics Technology Department also provides free tutoring services. Though no one is available during A term, there will be tutors on duty in Summer B and in the Fall. For the times and location of the Avionics tutors, contact Professor Nolan Coleman, Chairman of the Avionics Technology Department.

The Mathematics and Physical Science Department provides free tutors daily from 1020 to 1600 in Room A-106. Students may seek help in Algebra (MA 105 and MA 111), Calculus (MA 112, MA 241, MA 242 and MA 243), Statistics (MA 222), Physics (PS 103, PS 104, PS 201 and PS 303) and Chemistry (PS 101 and PS 110). Comments and questions concerning the MAT/PS Tutorial Program should be directed to Dr. Shervin Dabai of the Mathematics and Physical Science Department.

Those who need help writing a paper for any course may seek help in the Writing Center - a tutorial service provided by the Humanities Department. The tutors will assist the student with written material at any level in any course. The

Writing Center is located in Room A-106 and is open daily from 0910 to 1350. The coordinator of the Writing Center is Professor Ann Magaha of the Humanities Department.

These tutorial services operate each term, but the hours of operation are subject to change from one term to the next. The correct hours of operation are posted at the meeting place and are available from the course instructors, the department offices and the tutorial program coordinators.

All of the above mentioned programs are free of charge to students, however anyone interested in paying for a private tutor may obtain a list of qualified individuals from the faculty members in charge of each tutorial program.

## Campus receives local award . . .



Embry-Riddle received the May, 1988 "Commercial Beautification Award" from the city of Daytona Beach. The award was presented to ERAU at a recent City Commission meeting at the Daytona Beach City Hall on May 18. For receiving this honor, a small sign has been placed on campus to remain on display for one month.

In a small ceremony held May 23, Chancellor Dotson

presented a plaque to Charles Fountain on behalf of the entire Physical Plant staff. Physical Plant was the department who coordinated and implemented the campus landscaping.

The Commercial Beautification Award is presented monthly by the Daytona Beach Beautification Advisory Board to beautiful, well maintained property in hopes of inspiring fellow citizens and businesses.



by Bill Bibby  
FLASH

For years now, the media have given much attention to the benefits of a regular exercise program. It is unfortunate that terms such as "health fad" are used. A healthier heart, improved cardiovascular system and reduced stress are just some of the benefits of a sound exercise program. Maintaining good health can hardly be considered a "fad". It is a step that everyone can take now to increase their chances of living a long, healthy life.

With this idea in mind, the university is now in a position to offer the Aeronautics Fitness Center to the ERAU community at no charge. The facility is located in racquetball court #5, with summer hours of operation from 11:00 a.m. until 2:00 p.m. and 4:00 p.m. until 10:00 p.m., Monday through Saturday and 4:00

## FLASH For Leisure And Student Health

p.m. until 8:00 p.m. on Sundays. These hours will be expanded during the Fall and Spring trimesters.

The equipment available at Aeronautics is designed to offer a whole body workout in a relatively short period of time. There is a supervisor on duty to help teach you how to use the machines properly. Nautilus equipment is very durable when used correctly, but can easily be damaged if misused, therefore, you should follow the instructions of the supervisor closely.

To those who have not visited Aeronautics before, we offer this advice before your first workout:

1. Get a complete physical check-up before beginning this or any other exercise program.
2. Stretch out before you work out. Exercising on cold, tight muscles is an open invitation to injuries such as strain or muscle pulls.
3. Warm up by doing light exercise. Stationary bicycles are provided for this purpose. Five to ten minutes on the exercise bike should be sufficient.
4. Once you start working on the machines, don't pause until you've

completed the whole circuit. A anaerobic workout is intended to be an aerobic workout. The goal is to raise and maintain a minimum heart rate for 30-45 minutes. Taking a break defeats this purpose.

5. After your workout, spend another 10-15 minutes on the exercise bike or with various stretching exercises as a cool down period. This is to bring your heart rate back down gradually.
6. Performing your stretching exercises again at the end of the workout will help prevent stiffness and muscle pain on the morning after.

Following these basic steps will help you get the most out of your Aeronautics workout. Don't be alarmed if you notice a weight gain as your exercise program progresses. You are gaining muscle as you lose fat. Fat weighs less than muscle so it is possible to lose inches and gain weight.

For any further information on Aeronautics, or any other fitness opportunities, available here at Embry-Riddle, contact the Recreation Office located at the Tino Davis Pool or call ext. 6530

**Drinking and Driving**

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**ACE HOBBIES**

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Pool or call ext. 6530

**Drinking and Driving**

will it end?

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C 152 IFR .....	\$35.00
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C 172 RG (IFR) .....	\$57.00
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Beach Sundowner (IFR) .....	\$40.00
Warriors (IFR) .....	\$49.00
Super Decathlon (Adv. Aero) .....	\$59.00
Arrow (IFR) .....	\$61.00
Mooney (Loaded, IFR) .....	\$63.00
Seminole (Twins)(2) .....	\$112.00
Simulator (AST 300 S/E) MK .....	\$25.00
Simulator (Pacer S/E) MK 2 .....	\$18.00

Beach Sundowner (IFR) .....	\$40.00
Warriors (IFR) .....	\$49.00
Super Decathlon (Adv. Aero) .....	\$59.00
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# LETTERS

(continued from page 1)

A strong effort by students to keep their rooms clean and free of food would be a great help in reducing the overall problem of pests.

Student cooperation combined with regular extermination and the spot spraying is generally accepted to be the best method of controlling pests in the residence hall environments. We will continue to monitor the status of our pest control and take all steps possible to control conditions as best we can.

Several concerns mentioned in the report involve the cooperation of other departments on campus. The control of air conditioning and heat in R.I.I. I, the grass on the R.I.I. I lawn and the timeliness of room entry by maintenance personnel are issues which require collaboration with Physical Plant. We will make every effort to address and resolve these concerns as appropriate. A written response has been requested concerning these issues. The repair of the stairwells in R.I.I. I is scheduled for the upcoming fiscal year. Work should be underway this summer. We concur with your assessment that the cleaning service, in general,

has been satisfactory this year. We are also aware, however, that problem areas do arise from time to time. The cleaning of the residence halls is another service which the University contracts for.

As in any business, personnel problems occur periodically and are usually handled on a case by case basis. Whenever the Department of Housing receives complaints these concerns are quickly passed on to the cleaning company with a request for prompt resolution. Any student, at any time, is encouraged to notify Housing personnel (either office staff, or RAI) if (s)he has a complaint regarding the quality, as well as the timeliness of room entry by the maids. This has been passed along to Pearson's Cleaning Service. I have requested a written response outlining their anticipated resolution.

The microwave ovens in the residence hall vending areas are provided by Westcott Vending company who is also responsible for their maintenance and/or replacement. We will promptly pass along your concerns to them as these ovens are in safe, proper working condition. Ice machines would indeed be a

valuable addition to the vending areas, however, these machines are quite costly and as yet have not become a priority on our list of needed equipment and furnishings.

Your concerns for the AIDS issue and for the welfare of your fellow students is greatly appreciated. The provision of condoms for students in the residence halls is a controversial issue.

While the Department of Housing is very much concerned for and committed to the well being of its students, any policies involving the distribution of condoms or other AIDS prevention measures must be developed at the University level. I am confident the student input would be quite valuable in the University's decision making process. It is vital that students take an active role in AIDS education and the promotion of safe sex practices.

by Martin F. Smith and Steve Cagle

The Embury-Riddle Precision Flight Demonstration Teams from the Daytona Beach and Prescott campuses competed in the 40th Annual National Intercollegiate Flying Association (NIFA) Safety and Evaluation Conference (SAFECON) in Monroe, La., April 13-15. The Daytona Beach campus placed fifth and Prescott, seventh in overall team rankings. The University of North Dakota won the event for the fourth year in a row.

The Daytona Campus team took first place in the aircraft recognition event. Twenty-four teams competed in the event.

The Daytona team has only been around since 1984. The team has improved its performance record in each event it has participated in since its formation. For example, in order for a team to compete in na-

tionals, it must place well in one of the many regional competitions. The team didn't earn a slot for the '85 national competition in '84, but bounced right back the following year to place 23rd overall in nationals. In '87 they placed ninth. According to the teams public relations officer Chris Nicholson, teams that have been established for longer have an advantage in competition because of the experience in knowing where to concentrate the team's efforts.

The University of North Dakota's team exemplifies this - they've taken first place four years in a row and have been around for nearly 20 years.

According to Nicholson, University President General Kenneth Tallon was instrumental in making the team what it is today. Nicholson said "Gen. Tallman understands the value of the team to the student body. The exposure the university receives because of the team helps

increase industry awareness of the intense proficiency learned at Embury-Riddle. The end result is an increase in the marketability of the ERAU graduate."

In addition to the NIFA SAFECON competition, the flight team serves many important university public relation functions. Many of these events never capture the media spotlight that follows the intense competition of the NIFA events, but these other functions help to increase industry awareness of our chief expert - competent personnel for every facet of aviation.

Some of the other events the team worked recently included an aviation awareness presentation at Deland Junior High school, as well as career day presentations at several area high schools. Members of the team also helped provide security during Skyfest '88.

Nicholson said "student body and faculty support helped make our success possible."



Photo by Bill

## Up in the air . . .

Members of the ERAU Skydiving Dave Hudson recently performed a team (top, clockwise) Tim McGovern, jump over the Daytona Beach Cam-Kim Baumgartner, Kim Regan, and pus.

## HU300: just for a few laughs

by Phyllis A. Salmons  
Associate Professor of Physics

Have you ever taken a college course for laughs? One is currently in session at Embury-Riddle. The course is HU-300, Comedy in Literature, which serves as an upper level Humanities elective for all majors. Beware however - HU-300 is not always a course in comic literature. HU-300 is entitled World Literature and it has been done in a variety of manners. Sometimes the course will involve Contemporary Literature, Science Fiction Literature and even Aviation Literature. One should check the exact title of the course before registering.

The purpose of Comedy in Literature is to provide a general introduction to comedy and comic theory in a variety of genre, including drama, novels, film and other media. The class reads representative comedies from the Ancient Greeks to modern American perspectives, views various video presentations and discusses how each piece fits into comic sensibility.

For instance, the current class of Comedy in Literature has read and discussed *Lysistrata* from Ancient Greece, two of Chaucer's tales from the Medieval era

and Shakespeare's *Taming of the Shrew* from the 16th Century. There has been discussion the traits of a comic hero, the proverbial fool, satire and irony.

The class will soon study comic satire as seen in Voltaire's *Candide* and Oliver Goldsmith's *The Shoppe of a Coopers of the 18th Century*. Later sessions will include a discussion of W.C. Fields, Charlie Chaplin, the Marx Brothers and more modern trends in comedy including modern comic literature, television sitcoms, and stand-up comedy.

Credits is given based on the scores of quizzes, critical essays and a final exam. Class participation is mandatory.

The instructor of Comedy in Literature is Prof. Donna Kessler who spent close to a year researching and designing the course. She said this is the second time the course has been offered and she looks forward to teaching it again.

If you are looking for an upper level Humanities elective that you are sure to enjoy, watch for this one in the future.

Any questions or comments about Comedy in Literature should be directed to Prof. Kessler.



and discussed *Lysistrata* from Ancient Greece, two of Chaucer's tales from the Medieval era

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## Clubs

## VETS

The Veteran's Association of Embry-Riddle Aeronautical University will be having its traditional WELCOME ABOARD PARTY and Reception for all returning Vet's Club members and all interested veterans who are not members. The party will be held at the Backchamber just south of Seabreeze Blvd. on N. Atlantic Avenue on Fri., June 3, at 6 p.m.

Our major common interests include is or was membership in a branch of the United States Armed Forces. We are now members of a group that have both diverse and similar interests such as: Embry-Riddle Regatta, Accelerated Free Fall, Water skiing, Fire-Cracker 400, Raquetball, Volleyball, Softball, etc. Through the association your interests can be discussed, enhanced, and pursued.

Our meetings are usually on Friday evenings at 8 p.m. in the Common Purpose Rooms of the University Center. The announcements for these open meetings are posted on the Vets Club's bulletin board and at the Association's trophy case just off the main entrance to the U.C. Come and be a part of the "Regata Experience."

## ΣΧ

by Michael Remmert  
Sigma Chi Brother

Summer school at Riddle can be a bit depressing at first, as most of our brothers return to their home for the summer.

This feeling quickly disappears as the bond of brotherhood becomes even stronger between those of us remaining.

This became quite evident as the brothers rallied to the aid of our softball team. At one of our practices a slight mishap occurred when a foul ball accidentally landed on a car windshield. The brothers got together and held a car wash in effort to raise funds to pay for the damages. Through the car wash we raised some cash but also moral support for the team. As a result Sigma Chi is now 2-0.

Some other events occurring are the occasional rocket launches headed by brothers Agilar and Jordan, and the ceremonies of graduation of our newest graduates. Smoltry, who has just completed Oberlin school. The brothers of Sigma Chi would like to wish all a safe and carefree summer.

## The Avion Policy

- ➔ All articles must either be typewritten, double-spaced, or on disk (unformatted in Wordstar or Microsoft Word.)
- ➔ Deadlines for Submission is Wed., 5 p.m., one week prior to publication.
- ➔ Photos may be submitted with Club articles.
- ➔ All submitted material becomes the property of the Avion with the exception of disks.
- ➔ The Avion reserves the right to edit all copy.
- ➔ For further information, contact the Avion.

## ERAU will host workshops on aviation and space for grade school teachers

by Phyllis A. Salmons

Associate Professor of Physics  
Embry-Riddle Aeronautical University will offer a two-week summer workshop designed to introduce teachers of K-8 grade levels to the basics of aviation/aerospace education. Teachers attending the workshop will be eligible to receive in-field and inservice credit from the State of Florida and three hours of graduate credit from Embry-Riddle. The workshop is specifically intended to provide teachers with no previous experience in aviation and aerospace concepts a working knowledge of the fundamentals.

"Aviation and space are good motivators in the classroom," said Dr. Peggy Baty, director of the Center of Excellence for Aerospace Education at Embry-Riddle. "These subjects can help students become 'tuned on' to science and math concepts." Dr. Baty is the coordinator of the Aviation/Aerospace Workshop.

The Aviation/Aerospace Workshop will emphasize hands-on learning experiences, such as flying simulators and model rocket building. Guest speakers from the Federal Aviation Administration, the Civil Air Patrol, the National Aeronautics and Space Administration, Boebling and the U.S. Air Force will make presentations. Field trips will be conducted to the Dayton Beach Regional Airport, the FAA Control Tower, Kennedy Space Center and Piper Air-raft Headquarters.

There is also scheduled an Air Force airlift to one of three possible locations: The Air Force museum in Dayton, Ohio, the Air Force Academy in Colorado Springs, Colo. or to Washington, D.C.

The twenty-five workshop participants from last year were airlifted to Washington, D.C. for a tour of Andrews Air Force Base, a tour of the

Air and Space Museum and a presentation on the operational procedures used for the President's Helicopter.

The workshop sessions will provide information from all areas of aviation/aerospace. Included are history, theory of flight, basic aerodynamics, basic navigation, radionics, instruments, charts, meteorology, air traffic control, regulations, rockets, living in space and space research.

The participants will be exposed to current resource materials from a variety of sources including publications, periodicals and software at Embry-Riddle's Teacher Resource Center located in the Airway Science Simulation Laboratory.

They will construct and fly small box air balloons, build a Delta Dart model airplane, build an Estes model rocket, and participate in an egg drop contest.

This program is intended to provide the educators

with an awareness of the exciting new educational aviation/aerospace teaching tools they should use

effectively teach the traditional basic subject at all grade levels. The course is designed to provide the educator with a wealth of new ideas, information, materials, and techniques to take back to the classroom. The program will also provide networking among the various teaching professionals.

The workshop will be conducted July 11-22. The registration fee is \$265 per person which includes one hour of flight simulation time. Dual flight instruction may be arranged at additional cost. Out of town and out of state applicants are welcome. Lodging is available at discounted rates. Applications must be received by June 14, 1998.

For further information contact Embry-Riddle's Center for Professional Programs at (904) 239-6185 or Dr. Peggy Baty at (904) 239-6441.



The once popular Jogging Exercise Trail (JET) has become a victim of recent construction on campus. Remnants of the trail, however, are still standing around campus such as this one near the Catalina Ave. entrance.

## ISLAND

(continued from page 1)

The sons of the Student Accounting Department will appear in the play, *The Play* is being directed by Ms. Magaha.

The *Virronis Island*, written by the French playwright Giraudoux, is about Captain Cook's expedition to Tahiti. The play begins both evenings at 8:30 and admission is \$2 per person.

## AWARDS

(continued from page 1)

The second honorable mention was for overall excellence for a college that had an enrollment of less than 7,000 students.

The SCJ is a national journalism

honorary society. It has over 140 chapters throughout the United States including such schools as University of California, St. Johns University, Ball State University and Eastern Illinois University. Embry-Riddle has been an active member since 1979.

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I THINK I'LL OPT TO MOLT.

ALL CATS LOVE MILK!

WHEN I WAS YOUNG, I WAS FRIGHTENED BY AN UPPER.

BACK, FLEAS! LOOK! A FLEA COLLAR!

Pow!

SOME FOOL SOLD THEM GUNS!

NICE SHOT, RALPH!

YOU KNOW, GARFIELD, I'VE OFTEN WONDERED...

WHICH ARE SMARTER? CATS OR DOGS?

SPEAKING OF DOGS, WHERE'S OPIE?

HE'S FISHING OFF THE BACK OF YOUR ROWING MACHINE.

Oh yeah? I once saw a hawk that had been hit by lightning.

At the Old Cartoonist's Home

Now open even wider, Mr. Stevens... Just out of curiosity, we're going to see if we can also cram in this tennis ball!

Bloom County

Berke Breathed

There's one interesting thing about the great Hercules - only swimmer who does it!

IT PROVES AGAIN THAT THE ONLY SWIMMER WHO DOES IT IS HERCULES - ONLY SWIMMER WHO DOES IT!

Lucky little ole Billy, sick and tired of this!

Look, still another snowball... I tell you, this place is slipping!

There's one interesting thing about the great Hercules - only swimmer who does it!

IT PROVES AGAIN THAT THE ONLY SWIMMER WHO DOES IT IS HERCULES - ONLY SWIMMER WHO DOES IT!

Lucky little ole Billy, sick and tired of this!

...AN EATING ON HIM WITH A MICROSCOPE OR AN IDEOLOGY!

WHY DID I POSSIBLY GET PERSUADED WHEN THIS IS MY FAVORITE MEAT?

COULD I STILL PROVE?

WHY DID I WANT TO OFFER HER TO YOUR COUSIN? PEOPLE CONNECTION, INTELLIGENCE, COMPARATIVE CONFERENCE AND VIGNETTE PHILOSOPHY.

HOW ABOUT A LITTLE BIT OF HUMILITY?

OKAY AND BYE.

FOR VEEP

Common Mirandas

When the monster came, Lola, like the peppered moth and the arctic hare, remained motionless and undetected. Harriet, of course, was immediately devoured.

The Puzzle

- ACROSS
- 1 Flood fish
  - 5 Higgard novel
  - 8 Miner's partner
  - 12 Top of head
  - 10 Labrador
  - 14 Short jacket
  - 16 Tiny particle
  - 10 Female ruff
  - 17 Richer dark
  - 10 Plumber
  - 30 Bath
  - 32 Byproduct for sulfurium
  - 33 Resonance
  - 34 Ice substituted
  - 37 Pressed in time
  - 31 Anger
  - 32 Pawn

- DOWN
- 2 Tibetan gazelle
  - 34 Vexatious pt.
  - 36 Harbor
  - 37 The swartop novel
  - 38 Hole of ooze
  - 39 The sky
  - 42 Buccoaner
  - 43 Girl's name
  - 44 High card
  - 46 Biss in Aala
  - 30 Athlete
  - 41 Measure of weight
  - 28 Weight of India
  - 27 Estrange
  - 26 Three gone by
  - 35 Fleisty hill
  - 30 Dive
  - 32 Richer state
  - 33 Scholar
  - 38 Commemorativa march
  - 1 Mast
  - 2 Delect

See SOLUTION, page 9

Shoe

Jeff MacNelly

WHAT'S ALL THAT STUFF?

IT'S MY MOBILE PHONE SO I CAN BE IN CONSTANT COMMUNICATION.

AND WHAT'S THE OTHER ONE?

THE MOBILE ANSWERING MACHINE.

SPELLING BEE

PRESTIGITATION

IT'D LIKE TO BUY A NOVEL.

WHAT DO YOU THINK OF THIS FLAK?

WELL, I THINK THE FLAK HORSE! BUT THE DIRECTION WAS CERTAIN, AND THANKS TO THE PRESTIGITATION FROM FORTS, PERFORMANCE BY BOTH LEADS.

WHAT ARE YOU SAYING?

IT'S GIVING I PROBABLY ON TWO ONE.



**Notices**

→ **Summer graduation**

Summer graduation applications are being accepted in the Registration and Records Office for those students anticipating SUMMER (June or August) completion. Students completing the application will be given a graduation evaluation in order to have a smooth completion. Please be advised that NO DIPLOMA will be ordered if formal application is not made in the Registration and Records Office by 4 p.m. June 17, 1988. Check with the graduation evaluators, ext. 6345 or 6343, if you have any questions.

Please note ALL Summer degrees will be conferred and diplomas will be mailed Aug. 20, 1988. Diplomas will be released in the Registration and Records Office after the Commencement ceremony. However, if a student needs verification of degree completion at the end of Summer A term, a request may be made through the Registration and Records Office.

→ **December graduation**

December 1988 prospective graduates may now apply for December 1988 graduation in the Registration and Records office. When formal application is made, a PRELIMINARY GRADUATION EVALUATION will be processed to help provide a smooth completion. If you have any questions regarding graduation, please contact the graduation evaluators at extension 6345 or 6343.

→ **Octoberwest**

Embry-Riddle Aeronautical University's OCTOBERWEST '88 Alumni Reunion, October 8-9, 1988, held in conjunction with the Northern Arizona Air Festival (air show), Prescott, Ariz. For information contact Embry-Riddle Aeronautical University, Alumni Relations, Daytona Beach, Fla. 32014 or call 800-447-6818 (in state) 800-643-0799 (out of state).

→ **Aviation Homecoming**

Embry-Riddle Aeronautical University's AVIATION HOMECOMING FESTIVAL Alumni Reunion, November 10-12, 1988, Daytona Beach, Fla. Class reception for reunion classes ending in three and eight. Veterans Day Celebration. For more information contact Embry-Riddle Aeronautical University, Alumni Relations, Daytona Beach, Fla. 32014 or call 800-447-6818 (in state) 800-643-0799 (out of state).

→ **Senior Class Council**

Attention August Graduates: If you are interested in being on the Senior Class Council, please sign up in the Student Activities Office by June 10, 1988. This volunteer group is responsible for raising funds to help pay for the class party, project and Graduation Social. They also secure discount hotels for guests of graduates, as well as local attraction discounts (Epcot, Disney, etc.)

All details concerning the Senior Class Council will be discussed at the first Senior Class meeting on Wed., June 15, 1988 at 8 p.m. in the U.C.

→ **Senior meeting**

The first meeting for all August Graduates will be held on Wed., June 15, 1988 at 8 p.m. in the University Center. Elections for Senior Class President and Vice President will take place. Important Graduation information will be reviewed. There will be no rehearsals for Graduation, so it is important that you attend. If your schedule does not permit your attendance, please see the Student Activities Office. Thank you.

→ **Self-hypnosis for relaxation**

This free seminar will be presented Thurs., June 9, 1988 from 12:30 p.m. to 1:20 p.m. in the Common Purpose Room, located in the University Center. Progressive muscle relaxation and guided imagery skills will be demonstrated. For more information contact the Counseling Center.

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# TDRS satellite supports NASA

by Chip Zedrow  
Space Tech Editor

**Kennedy Space Center**—With the Space Transportation System getting back into the space business late this August, the final preparations of the shuttle cargo is now underway. The Tracking and Data Relay Satellite (TDRS) is the primary cargo to be carried onboard *Discovery*. The TDRS satellite is part of a three satellite constellation in geostationary orbit. One is currently placed at 41 degrees east longitude and another will be at 171 degrees west longitude. The third satellite will be in a parking orbit ready to move into position if another satellite has a breakdown of its systems.

The TDRS system will enable users to have continuous communication with their machinery in orbit. This includes the Space Shuttle, the Hubble Space Telescope, The Space Station, and any other spacecraft in low earth orbit. Foreign countries will also have access to the low cost telecommunication relay service.

One TDRS satellite can cover 50% of the Earth, while two satellites will cover 85% of the Earth. There will be a 1,200 km region over the Indian Ocean that is excluded. It stretches for approximately 350 km over the Earth's surface, but shrinks with increasing altitude.

Each TDRS gives 26 users simultaneous communication relay service, 20 users multiple access,

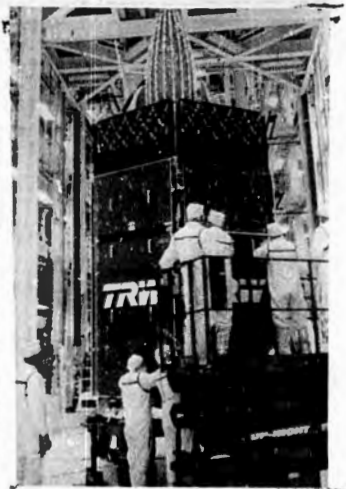
and six users single access service.

The TDRS-C is currently in the vertical processing facility at the Kennedy Space Center. The target date is for a launch into space on Aug. 22 and will be operational in time for the STS-27 launch.

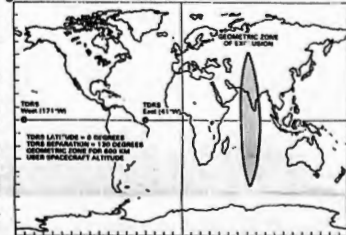
TDRS-1 was launched in April 1983. On its flight path up to geostationary orbit, the Inertial Upper Stage (IUS) failed. IUS's boost satellites from a low earth orbit of 160 miles up to a higher geocynchronous altitude of 22,250 miles. TDRS-1 was eventually saved by ground controllers firing its own attitude thrusters. They were apprehensively fired over and over for a period of six months to boost the crippled satellite to its destination altitude.

The troubled satellite then ran into more problems. It lost its forward radio bands, lost one gyro, and encountered thermal problems with its side roll thruster. Another problem is its internal RAM chips get blasted with cosmic rays. The rays usually cause the satellite to change every so slightly in orbit, but once in a while they get such a dose of rays that it abruptly causes the satellite to slip off its Earth orbit.

Mr. Hunter, TDRS deputy project manager from the Goddard Space Flight Center, explains that all the problems encountered with TDRS-1 have been examined very carefully and have all been corrected for the upcoming launch.



The TDRS is pictured orbiting 22,259 miles above the Earth where it can relay information between spacecraft and mission control centers on the ground.



The total cost to launch a TDRS is greater than \$155 million. This includes \$100 million for the satellite and \$45 million for the IUS. The IUS is controlled by the Air Force, the satellite is built by TRW in Calif., and the satellite downlink goes to White Sands, N.M.

The satellite in orbit weighs 2,270 kg and stands 17.4 meters by 17.4 meters. In orbit it acts like a giant antenna farm. It has seven antennas including a 30-element phased-array. The high data rate of the Ku-band is capable of relaying in one second the equivalent amount of information that is contained in 100 volumes of an encyclopedia.

The payload will be moved to the pad on July 17 after the check out and final processing are completed in the Vertical Processing Facility.

The payload will be transferred into the shuttle on July 26. These dates are all subject to change if there is a change in the launch date.



TRW employees are presently installing protective covers for the solar panels on the Tracking and Data Satellite. They are also completing final checkouts before the satellite is moved to the pad where it will go onboard *Discovery*.

## Writing award winners announced

by Phyllis A. Salmon  
Assistant Professor of Physics

Philip Delage (ACET 495)  
Linguistic Stability Investigation of the Quicks II Canard Wing  
Greg Johnson (HU 100)  
Fate  
Jim Kircher (HU 221)  
Who Are These Guys Anyway?  
David McGovern (HU 123)  
Difference in Perception of Time and Death  
Kathy Parsons (HU 221)  
The Dreaded Science Project  
Syman Rankline (AS 253)  
Computer Reservation Systems: What Determines Who You Fly?

Al Seeen (HU 123)  
Passage of India  
Daniel Shoemaker (HU 355)  
Crack  
Gadmundsson Saorri (KA 242)  
LaGrange's Interpolating Polynomial  
There were many fine papers nominated for the Spring 1988 Writing Awards, which were judged by fellow students - the Writing Center tutors - under the guidance of faculty. This is only the second year that winners were chosen from other than the humanities courses. The winning students were awarded a \$10 prize for their efforts.

TRW employees are presently installing protective covers for the solar panels on the Tracking and Data Satellite. They are also completing final checkouts before the satellite is moved to the pad where it will go onboard *Discovery*.

## Writing award winners announced

by Phyllis A. Salmon  
Assistant Professor of Physics

The Humanities Department has announced the winners of the 1988 Writing Awards. The winners, listed in alphabetical order by the authors' last names, are as follows:

Barth A. Baron, Jr. (HU 221)  
Germany's Problems from WWII  
Paul A. Blatt and Donald R. Walter (AE 415)  
Flight Testing at Embry Riddle  
Syman Rankline (AS 253)  
Curvature: Definition and Applications

## Faculty profile: Dr. Ann Apperson

Dr. Ann Apperson is a Professor of Humanities and Social Sciences who began teaching at Embry-Riddle in 1968. She has taught courses in the areas of history, government, sociology, law and technical writing.

Apperson was born in the town of Hampton in the southeastern part of Virginia. She has always been interested in history and politics - an interest which was accentuated by having grown up near Colonial Williamsburg, Virginia. This interest led her to work as a hostess and tour guide in Colonial Williamsburg while pursuing a degree at the College of William and Mary. She earned both a Bachelor of Arts in Civil Law and Doctor of Jurisprudence from the College of William and Mary.

For three years, Dr. Apperson was a practicing attorney for the General Services Administration in Washington, D.C. where she worked with claims and litigation involving years out of the work force in order to spend time with her two young sons before returning to graduate school at Stetson University in Deland, Florida. She earned a Master of Arts in Teaching in Political Science and then joined the faculty of Embry-Riddle in 1968.

She is an active member of the American Historical Association, the American Society of International Law, the Organization of American Historians and the Women's Caucus for Political Science. She is a member of the Executive Board of the Florida Political Science Association and is still a member of the Virginia Bar Association.

In the Daytona Beach community, Dr. Apperson does volunteer work for the Daytona Playhouse as a seat office volunteer, for the Seaside Music Theater as an usher and she is a member of Friends of the Library.



Dr. Apperson spent ten years out of the work force in order to spend time with her two young sons before returning to graduate school at Stetson University in Deland, Florida. She earned a Master of Arts in Teaching in Political Science and then joined the faculty of Embry-Riddle in 1968.

She is an active member of the American Historical Association, the American Society of International Law, the Organization of American Historians and the Women's Caucus for Political Science. She is a member of the Executive Board of the Florida Political Science Association and is still a member of the Virginia Bar Association.

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Dr. Apperson is constantly called upon as a dune buggy, she claims all of her papers are graded at the beach.

Dr. Apperson's children are now grown and are following in her footsteps with their interests in the law and legal matters. Her older son is an attorney with the U.S. Department of Justice currently working with the U.S. Attorney's Office in Alexandria, Virginia. Her younger son is a Sergeant with the Volusia County Beach Patrol.

Dr. Apperson has traveled extensively and hopes to travel to do so in the future. Someday she hopes to take her young grandson around the world.

For 20 years, Dr. Apperson has been an outstanding faculty member of the Humanities Department and an asset to our University. She is a character whether in class or out, her lectures being filled with energy and enthusiasm. It is obvious that she has found what she does best - and it is doing it. We, the students, faculty and staff of Embry Riddle appreciate it.

## CAMPUS

(continued from page 1)

In addition, which will provide limited locker space, is \$350,000. Preliminary design is being completed by Boman Construction.

The 28-by-72 foot relocatable facilities will be located on the north side of the campus. Costing approximately \$95,000, the facility will provide these additional locker halls to the campus, with the seating capacity being 50, 75, and 100 students. The facilities will also house

some faculty offices and will be purchased from Geico Space of Orlando, and installed by Allen Green Construction Company.

The Embry-Riddle president indicated another step being taken by the university concurrent with the building projects is the relocation of the College of Continuing Education formerly called the International Campus, presently cited on Williamson Blvd., to new campus quarters in

the University Center addition, a 43,000 sq. ft. facility will be sold or leased.

The construction schedule calls for the portable classroom facilities ready for use by the fall semester, and all other projects to be completed by the end of this year.

The University is also considering capital improvements of a 1,500-sq-ft, 510 acre Precinct, Ariz., campus.

## COURSE

(continued from page 1)

last safety.

While at Oshkosh, students will be required to do 12 hours of volunteer work, which could include aiding in flight line safety, aircraft parking, security and registration.

The students will tour the EAA Air Museum which exhibits about 80 planes including a replica of Charles Lindbergh's Spirit of St. Louis; the Cricket, the world's smallest twin engine plane; the Quicksilver ultralight, which set 56 U.S. and World Class records; and the Thorp T-18, owned by Don Taylor, the first pilot to fly his home-built plane around the world. A homebuilder's center features explanations of the skills involved in building and restoring planes.

There is also required attendance at

certain interviews, forums and seminars which take place throughout the convention. Speakers such as astronauts, NASA representatives and FAA Administrators will share the latest information. Many convention feature speeches by some of the pioneers of aviation, such as Chuck Yeager. Students must also maintain a journal of activities while in Oshkosh.

Last year 19 students enrolled in the course with their instructor Dr. Peggy Baty, spent 10 days in Oshkosh. One of last year's participants said, "In the 10 days I learned more about the history and mechanics of aircraft than I could learn in a semester. It is the best experience an Embry-Riddle student could have."

The summer 1988 session of AS-

499 is still open for registration. To become a part of this unique educational experience, one should enroll in the course during the registration period prior to the beginning of Summer B term. Permission of the instructor is required and enrollment is limited.

For cost to the student is as follows: The course tuition (\$3 credit); the flight line pass fee (\$50); the air fare as low as \$220 with early reservations; and living expenses. Lodging will be available at a local university at \$20 per room per night (sharing is permitted).

For additional information about the course requirements, trip and registration contact Dr. Baty (219-6441) or contact the Aerospace Science Department Office in G-107.