NEW DEAN ASSIGNED AT ERAU

E-RAU welcomes Dr. Charles R. Firth, who has joined us from the University of Arizona, to serve as its new president.

Dr. Firth has been a leader in the field of engineering education and is a respected figure in the aerospace industry. His background includes extensive experience in both teaching and administration, and he has received numerous awards and honors for his contributions to the field.

Dr. Firth comes to E-RAU from the University of Arizona, where he has served as a professor and dean. He brings a wealth of experience in both teaching and administration, and he is well respected for his leadership and vision.

In his new role as president of E-RAU, Dr. Firth will be responsible for overseeing the university's academic programs, includingeronautical science, flight technology, maintenance technology and aerospace sciences.

He will also work closely with the faculty, staff and students to ensure that E-RAU remains a leader in aeronautical education and research.

Dr. Firth's appointment is effective immediately, and he will begin his new role within the next few weeks.

He replaces Dr. John F. McElroy, who has served as president of E-RAU for the past six years.

During McElroy's tenure, E-RAU has seen significant growth in enrollment, faculty and facilities. The university has also received numerous awards and recognitions for its educational programs and research.

Dr. Firth bring
Dear Editor:

In last week’s AVION, Dr. Dorrin expressed his question concerning placing students according to their ability. Thus, there are unavoidable mistakes in determining ability, yet some students are severely hampered by those who served well in the English language. For the high tuition I must pay, I feel I should receive the best education possible. No, I’m not one of the students who entered with low entrance exam grades, but I’m not a foreign student who has trouble with the English language. I’m one of the few who did well in high school, received very good entrance exam grades, and I expect to learn at a reasonable pace, as do all reasonable students. What I do respect is the integration of students into my classes whose comprehension is above average. (PLEASE WITHHOLD NAME)

Klyde Morris

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Klyde Morris

EDITORS BOX

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ADVERTISING MANAGER

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The Riddler Question

The Riddler Question: What is the average rate of snowfall in the United States?

The Riddler Answer: Snow does not exist in the average rate of snowfall in the United States. The average rate of snowfall in the United States is 18 inches per year. However, the average rate of snowfall in the United States can vary greatly depending on the location.

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FEAR IS THE KEY

MOVIE — July 14 — 8:30 p.m.

One of the most nerve-tangling of the many chills made from the bestselling suspense novels of Agatha Christie, FEAR IS THE KEY is an incredible tale of intrigue and revenge which pits Benny Newman (Vernon Dent) against an oil king who plots to overthrow the Western munition society. Secretly seeking revenge for the murder of his wife and child, Newman hovers dangerously close to his own personal score and wins a world catastrophe; ironically, the only person he can trust is the daughter of one of the men involved in the catastrophe plot. With this clever plot twist and stylishly handled elements, the film is first-rate action entertainment.

ERAU EUROPEAN DIVISION

ERAU Europe has been approached by the U.S. Army and U.S. Navy on several recent occasions for discussions on how ERAU can help improve the maintenance, electronic, and aviation skills of military personnel assigned to those specialties in Europe.

In the Army’s case we are sought on an ad-hoc basis, still upgrade basis. The Navy is researching means to find adequate maintenance trainers.

ERAU has made a formal proposal to U.S. Army Europe to use an adaptation of our AMT 106 for an aircraft maintenance skill upgrade program which is to be fully funded by the Army. USAREUR, Army Continuing Education Services is arranging funding while every Army organization connected to Europe is being surveyed to determine actual participation in the program. Bob Conlan, ERAU’s Director of Sales, explains that the program is being offered in mid-fall which will allow the USAREUR-BEAU liaison time to fill current coordinator/evauluator vacancies and staff to meet this opportunity. Bob Kliman has been assigned as the Army assistance project manager, and Don Berendes is coordinating the program course content. Paul Taylor is on standby to develop the Army assistance project in Europe.

LAKE BUENA VISTA, FL — International television star Shari Lewis and her delightful puppet friends bring their warm and loving programs to Leu Gardens 10 through July 23 and jazz pianist Teddy Wilson performs at the Village lounge July 10 through 22.

Shari’s television career began in the United States and has reached into England, Canada, Australia and Scandinavia, where she stars andguests in series and specials. Her band held pub, Louis Chops, is among the most popular of the characters used in her performances. Her interest in children reaches beyond entertainment. This is evidenced by her recent humanitarian of the Year Award for her work in Girl Scouting and her series of books for children. Shari’s success in the world of grown-up entertainment can be attributed to this interest.

During her engagement at the Top of the World, Shari will promote special premiums only available at the Top of the World. Teddy Wilson is likely the most influential of all Shari’s friends. Among his many milestones was his stint with the world-famous Benny Goodman trio, with Wilson, Goodman, and Gene Krupa.

Teddy will perform at 8 p.m. Monday through Thursday and 9 p.m. until 2 a.m., Friday and Saturday.

WALLACE RESEARCH CENTER REPORT

The Wallace Research Center is now involved with the qualification testing of system­ tic aircraft engine oil for AN/ROTC, Inc. which tested a new engine oil in a new place on June 14th. The 90-hour engine oil break period in was completed and the synthetic oil, XLI-14 was added to the test engine.

The 100-hour test run is now completed as was reported in the July 1, 1978 edition of ERAU Academic Activity Re­ port issue No. 41, July 21.

DISCOUNTS SPREADING

The Civil Aeronautics Board have announced in their April 1978 Monthly Report that air­ lines are permitted to extend their “Super­Silver” fares to virtually all domestic markets. With only recently initiated, the discounts are 40 percent Monday through Thursday and 30 percent on other days. This is the most deeply dis­ counted fare ever put into effect on a nationwide basis. The airlines offering “Super­Silver” states that it has been highly successful, and has increased operating profits. They also point out that expanding “Super­Silver” into smaller markets will not damage charter operations, and that the advance purchase require­ ment and the fact that avail­ ability of the fares is contro­ lled by certain capacity limita­ tions will assure a higher per­ centage of seats being filled, with no reduction in the quality of service for regular full-paying passengers. No one complained that “Super­Silver” should not be continued and extended.

NTSB RESPONDS TO WEIGHT AND BALANCE ACCIDENTS

It is essential for safe flight, the National Transportation Safety Board (NTSB) said, that on aircraft the weight and balance be “within” its maximum gross weight limits and that, in fact, whether passenger or cargo, be distributed “within” its center of gravity limits. If these weight and balance limits are exceeded it will adversely affect the airplane’s stability and control. This is a fact of aviation well understood by all pilots. Weight and balance limitations, available for the pilot’s immediate reference, are set forth in the material that must be carried in every aircraft.

Nevertheless, the Board said, it was “concerned” by the “recreant occurrence” of weight and balance type acci­ dents. In reviewing a 10-year period (1968 through 1977), as reviewed from the Board’s accident data bank, NTSB reviewed 442 weight and balance accidents. Of these, 180 were fatal accidents (3% of total), that resulted in 577 fatalities.

The Safety Board said that a brief review of the records of all those weight and balance accidents will reveal two significant facts: (1) that the pilot was directly involved in the causal area of almost every accident; and (2) that the accident record remained relatively constant and unchanged. “There is no accep­ table excuse for this situation,” the Board said, “and it must be corrected.

As an educational aid in achieving this goal the Board urged general aviation pilots to send for the pamphlet on “Weight and Balance” (NTSB­PAM­74-1) available free from the Publications Section of the Safety Board, Washin­ gton, D.C. 20591. For a more detailed treatment on this sub­ ject the reader is suggested to consult The Pilot’s Weight and Balance Guide, LAC/52-219, issued by the Federal Aviation Admin­ istration in the Department of Transportation and for sale by the Superintendent of De­ cree, U.S. Government Print­ ing Office, Washington, D.C. 20402 at $0.35 per copy.

NEW PROGRAM GRANTS FLIGHT INSTRUCTOR AWARDS

In order to recognize that flight instructor who performs in a uniquely outstanding man­ ner, the Flight Division has established the Flight Instructor of the Month Program. Students are encouraged to nominate candidates for the award. The award will be $250 for the monthly selection, and $100 for the Flight Instructor of the Year. Further, the Flight Division plans to grow each candidate’s maximum pub­ licity package.

Each month, starting in September, a Flight Instructor of the Month will be selected from all one flight instructors. In December of each year a Flight Instructor of the Year will be selected from the Flight Instructors of the Month. These are certain specific areas which will be evaluated in order to determine the recipient.

SHARI LEWIS — Popular television and nightclub performer Shari Lewis is entertaining patrons of the World sup­ per club July 10-13. WALT DISNEY PRODUCTIONS

TRACY WILSON ENTERTAINMENTS AT VILLAGE LOUNGE

NO APPOINTMENTS NECESSARY

HOURS: 10 a.m. - 9:30 p.m. Monday - Saturday
12:30 - 5:30 p.m. Sunday
CO-OP NEWS

OCCASIONS FOR
COOPERATIVE EDUCATION
1988

The following cooperative education positions listed are available for the Fall. We are now accepting applications. Please see L. LaPierre, Career Center, updates in the US.

Telephone: 2-1176

Transportation - Public Transportation Specialist

COUpons. Finance - Collection Specialist

Plant Aerial - Management position

Air Florida - Ticket Agents

Eastern Airlines - Ticket Agents

(Continued from 1)

Instructor

The Center, University

including student registration and curriculunm placement. He feels that there should be a method for evaluating course material and tests included in the general evaluation. Another possibility would be to obtain a new or retained

questions to better evaluate the teacher and curriculum. One idea which was brought up was to have the teacher sign for comments on a sheet of notebook paper, or incorporate a detailed computer analysis of each instructor, to ensure objective evaluation. What do you think? We'd like to hear your ideas. Stop by the 30A office in the U.C. and talk to one of us!

Enrollment in the Engineering program is up. We had 180 students (13.9%) register last September, and are anticipating 400 (13.5%) as of 9-20-88 for coming September. We are going to multiple sections for the first time in some of the Engineering courses.

The last few weeks have been hectic getting the 670 page syllabus preliminary design for AE 425 revised and re-typed for early registration in anticipation of the Fall '78 Trimester. The E-SAU bookstore sold the last five copies two months ago to the University of Tennessee. This text has proven to be a "best seller" and many universities and aircraft companies have purchased copies.

the offices for the Engineering faculty, seven Math/Physics Science faculty, and some 10 Maintenance Technology faculty, the Graduate Programs Office, and the George B. Walker Research Center office on the second floor. The days after the last Summer A laboratory class we will start to assemble the wind tunnels and make them ready for the move to their new home.

On the negative side, we are losing an eight-year veteran from the Engineering faculty staff. Mr. Victor Tielis is leaving us to join the plant aircraft Co. in Van Buren, He will eventually be their F&F designated representative.

The new 60 by 120 feet Engineering Sciences Laboratory building construction is under way and by the activity on the site we just might meet the August 15th goal for completion. This new complex is four times the size of the old wind tunnel building and will contain our wind tunnel laboratory with its three wind tunnels, aircraft structures laboratory with test stands, strength of materials and engineering materials lab, and the new design laboratory with double the floor space of the present lab, and also in ac-

ATTENTION!!!

TO THE SENIOR CLASS

THERE WILL BE AN IMPORTANT
YES, IMPORTANT MEETING ON
THURSDAY, JULY 15, 1978
THAT'S TOMORROW!!
AT 4:00 P.M. IN THE
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IN THE UNIVERSITY CENTER

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FRATERNITY CORNER
LAMBDA CHI ALPHA
By Bk.

The holiday weekend was a busy one for us. We all worked at the speedway selling ice cream, watching the race, and having fun all around. We may go up to Tallahassee for that race but that's still a long planning stage.

We will soon be hosting our Crescent Sister Ceremony and all the brothers will be welcome to all the new Crescentaie and with our support. For those of you who don't know, the Crescentaie program is similar to the more "livelier" little sister crowns of many other fraternities.

All the members of Lambda Chi Alpha wish to welcome all the new students. We are the people in the green jerseys, and we love to have a good time. If you're looking for something more than a degree and a party out of E.R.A.L. then come talk to us. Maybe we have something for you.

Associates, keep up the good work, get that project going. All members please remember to check the event board daily.

By James J. Jahnke

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Volusia Aviation Hangar

FLIGHT DIVISION
Daytona Beach Aviation must move out of its present hangar so that it may be demolished in July; therefore, it will move into the Volusia Aviation Hangar. Daytona Aviation is scheduled to move into our Puritanic Hangar, and Flight Division will move into the center section of the Volusia Aviation Hangar during July, and we will share it with D.A.A. Once the move is affected, Flight Technology will be integrated into Academic Flight.

The pending move has caused us to accelerate the date of our proposed split of the aircraft fleet. We will divide the first at the beginning of summer "B" term.

ADVANCE REGISTRATION FALL 1973

There will be an Advance Registration for Fall 1973 on Monday, Tuesday, Wednesday and Thursday, July 23rd, 24th, 25th, and 26th in the Academic Lounge. Hours for the Advance Registration will be 8 a.m. to 5:30 p.m. each day.

Please note the following:

1. You must be present to register.
2. You must pay tuition in cash.
3. You must register by 5:30 p.m.
4. You must be registered by 5:30 p.m.

Please be careful the instructions for Advance Registration fall 1973 prior to this period. This includes especially the Early Aeronautical Science students who entered July 6, and the new Term "B" students.

Those students who wish to have Advance Registration during the last week of August 1973 and 38th Advance Registration must have paid $600 advance deposit at the time of this writing and had their receipt of registration.

If you have any questions, please contact the Registration and Records Office.

By Burt Stills

CAMPUS CLUBS

BOWLING
BOWLING NEWS

By Burt Stills

Last week John Keck had everyone holding their breath after seven strikes in a row. But at this would have a single rightie pin in the eighth frame prevented a possible 300 game, and a first for the Riddle Bowling League. John finished with a score of 260 and a 630 series. Better luck next time! Club founder had a handpin game of 210, 580 series for the women.

STANDING AS OF 7-7-78

1st: A Go Go 221 10
2nd: Wickers 18 16
3rd: Sigma Phi Delta 18 19
4th: Who Care 17 15
5th: Beta Fraternity 16 16
6th: One More Time 16 16
7th: Mystical Mathematicians 16 16
8th: High Rollers 15 19
9th: All Most 15 19
10th: One Lucky Trio 9 25

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ERAU GRADS GET WINGS

Three Embry-Riddle 1976 graduates are now earning U.S. Air Force silver wings following graduation ceremonies from their respective Air Force pilot training bases.

Second Lieutenant John P. Grossmith and Second Lieutenant Lee E. Huson received their wings following graduation from Columbus AFB, Mississippi.

Second Lieutenant Jeffrey M. DePasquale was awarded his wings after graduating from pilot training at Fort Rucker, Alabama.

Second Lt. DePasquale is remaining at Fort Rucker for duty as an HH-60 helicopter instructor pilot.

Second Lt. Grossmith is being assigned to March AFB, California, for flying duty on the B-52 Stratofortress.

And Second Lt. Huson is being assigned to Oxnard Air Base, Republic of Korea, for flying duty on the OV-10 Bronco.

All three men were commissioned through the Air Force Reserve Officers Training Corps program.

SATELLITE SCHEDULED FOR LAUNCH FRIDAY

KENNEDY SPACE CENTER, Fla. - The launch of the European Space Agency's scientific satellite is scheduled aboard a Delta rocket from Complex 17 Friday, July 14.

The launch opportunity for that date extends from 6:43 to 9 a.m. EDT. GRO-2 will be placed in a contingency orbit 22,500 miles above the equator in Alaska to study the Earth's magnetosphere.

MANAGEMENT DIVISION

The Management Division is introducing a new course in the Fall Trimester, MS 205, Advanced Financial Accounting. This course will replace MS 200, Principles of Management, in all degree programs and is interchangeable with it for degree credit purposes.

Three new faculty members will join the management staff in September. Don Durham will replace Dr. Bill O'Connor who resigned to become a consultant. Larry Pomerantz will replace Jeff Smith who is leaving for industry. Tony Heimann is taking a leave of absence to pursue a graduate degree.

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FOX
NEW ROCKWELL AIRCRAFT SHOWN IN EUROPE

1978 MODEL ROCKWELL COMANDER 6908 MAIN TAINS PERFORMANCE EFFICIENCY

HANNOVER, WEST GERMANY, April 28, 1978 - Continuing its dominant position in propjet business aircraft sales, the "728 Model Rockwell Commander 6908 was shown for the first time in Europe at the International Aerospace Exposition. The preeminent, twin engine aircraft is produced by Rockwell International's General Aviation Division (GAD), Bethany, Oklahoma.

Robert B. Ward, director, marketing for GAD states, "The high market share historically held by the 690 series is directly related to its performance, fuel efficiency and comfort. We have every reason to expect the new model will achieve at least a fourth of the world-wide business propjet market by 1978..."

The Commander's cruise speed at 56 percent of power is 394 knots (727 mph) in a take-off gross weight of 10,325 pounds (4,663 kg). It has an initial rate of climb of 2,833 FPM (916 m/m). At its take-off gross weight, the aircraft can normally reach 20,000 feet (6,096 meters) in nine minutes.

The Rockwell 690 series holds two world class speed records for propjet aircraft. Certified by the Federation Aeronautique Internationale, the aircraft set a triangular course speed record with an average speed of 373.63 mph (601.36 kph) and a straight and level flight course record of 318.72 mph (512.08 kph).

"Fuel efficiency of the Commander 6908 is a direct result of its ability to climb directly and quickly to a cruising altitude of approximately 20,000 ft," Ward explains. "At that altitude, the 690B will use about 20 to 40 per cent of the fuel used by a comparable car business jet, and provide 10 to 40 per cent of the jet's cruising speed. Its initial cost of about half that of the more popular business jets, and its rate considerably less to climb to the propjet.

"The B model will deliver a useful load of 4,100 pounds (1,859 kg) within a 1,450 pound (657 kg) range. On the average, small business jets are flown less than 300 miles (483 km) but must go to much higher altitudes, using extra fuel, to fly efficiently. That makes the 690B a tough competitor for a share of the small jet market..."

in these days of needed fuel conservation, GAD believes the 1978 Commander 6908 has the most comfortable cabin sound level in the business propjet category. "We are raising the benefits now of our sound level research and development programs which have been going forward for over three years," Ward said.

Presentation to 5,261 PS, the 690B maintains a comfortable cabin altitude up to its normal cruising altitude of 20,000 ft. (6,096 meters) and beyond. Pressurization can be maintained for just an additional 713.5 BHP, single shaft, propjet engine.

"Cabin heating and air conditioning is thermodynamically controlled and a water separating system assures excellent- humidity control for the passengers and crew," Ward points out. "Other cabin features include large picture window, fold down reading trays, fold away work tables and a private lavatory that may be installed in the forward or aft area of the cabin..."

A choice of six seating plans accommodate the standard seven or ten people. Four standard choices of interior and exterior decor are available. Rockwell also offers four optional interior decor choices including all-leather vinyl, the E C E Mark III. Rockwell's growing network of factory-direct Commander ServiceCenters provide Commander aircraft owners with factory trained service personnel and authorized, one-year warranty support.

"The major objectives of our ServiceCenter network is to continuously instill in our customers the true cost of ownership for Commander owners," Ward states. "Our surveys indicate that over 70 per cent of the Commander owners are using our certified ServiceCenter for their product support. Their machines lead us to the conclusion that the system is reaching the objective for which it was planned.

"Rockwell 6908 projects are marketed through a worldwide network of factory franchised, priority direct distributor-ships...

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