

Wings & Waves

a One-day Wonder

Embry-Riddle marked 100 years of flight by reprising the popular air-and-sea show it staged in Daytona Beach in 2001 to celebrate its own 75th anniversary as an institution.

Wings & Waves: Embry-Riddle Celebrates the Centennial of Flight, which was planned as a two-day event Nov. 8 and 9, was cut short by stormy weather after a well-attended first day.

The aerial segment of the show featured the U.S. Air Force Thunderbirds and many top aerobatic performers. The water show included race boats and marine search-and-rescue operations. Evening entertainment featured a beachside concert by the rock group Sugar Ray.



Photo by Shiyamal Addanki

Spectators enjoy flying machines and rolling surf at the air show.

The visiting Thunderbirds team included four members who hold master's degrees in aeronautical science from Embry-Riddle's Extended Campus: Maj. Matthew R. Beckley, Maj. Todd D. Canterbury, Capt. D. Chris Callaghan, and Capt. Chris R. Stricklin.

Bells and Whistles Welcome Navy ROTC

A ship's bell rang, a boatswain's pipe whistled, and a Navy band played "Ruffles and Flourishes" as Embry-Riddle established a new Naval Reserve Officers Training Corps unit Nov. 7 at its Daytona Beach campus.

Rear Admiral Ann Rondeau, commander of the Naval Service Training Command, was guest speaker at the event, which took place at the entrance of Embry-Riddle's ROTC Building.

The new unit has already attracted 88 students, and one in four has received competitive national Navy ROTC scholarships, according to Capt. Ted Wasylkiw, commanding officer.

"We were interested in Embry-Riddle because of the technical education and critical thinking skills that can be gained here," Wasylkiw said. He said many students in his unit are majoring in aerospace engineering, civil engineering, computer engineering, engineering physics, and software engineering.

Embry-Riddle also hosts ROTC units for the U.S. Army and U.S. Air Force in Daytona Beach and on its Prescott, Ariz., campus. Its Air Force detachments are the nation's largest university-based Air Force commissioning source.



Photo by Robert Ross

Rear Adm. Ann Rondeau, standing, addresses cadets and guests.

Embry-Riddle Hosts FAA Centers of Excellence

Embry-Riddle co-hosted the third annual meeting of the Federal Aviation Administration's five Air Transportation Centers of Excellence Nov. 4-7 at the Daytona Beach Oceanfront Resort.

The university's Office of Research and Graduate Programs organized the meeting with the FAA's Research Division. The event attracted 250 participants from the United States and Canada and featured Edward Stimpson, U.S. representative to the International Civil Aviation Organization, as keynote speaker.

The centers foster multidisciplinary research in the areas of aircraft noise and aviation emissions mitigation, airport technology, air transportation operations research, airworthiness assurance, and general aviation. The general aviation center is a consortium of five universities led by Embry-Riddle.

Riddle Roundup



New Academic Chief Appointed

John Johnson, provost and vice president for academic affairs at Texas A&M University-Texarkana, has been named provost and chief academic officer at Embry-Riddle. He is responsible for all academic matters related to faculty, curricula, research activity, accreditation, and academic policy.

Johnson has taught and published widely on speech and hearing and on biology since 1975. He received B.A. and M.S. degrees from Florida State University and a Ph.D. from Kent State University.



Aviation Dean Named in Prescott

Jacqueline Luedtke has been named dean of the College of Aviation at Embry-Riddle's Prescott, Ariz., campus after serving as interim dean since June 2003. She is responsible for the aeronautical science, applied meteorology, and safety science departments and the Flight Training Center.

Luedtke received a Ph.D. in higher education from Oklahoma State University and an M.B.A. and B.S. from Wichita State.



VP Named for Marketing, Enrollment

Gary Hamme, vice president of enrollment management at Fairleigh Dickinson University, has joined Embry-Riddle as vice president of marketing and enrollment management. He is responsible for attracting and retaining students and increasing enrollments at Embry-Riddle's residential campuses in Daytona Beach, Fla., and Prescott, Ariz., overseeing career services, and marketing the university to all constituents.

At Fairleigh Dickinson, Hamme's efforts resulted in an increase of freshmen applications from 4,100 to 5,300 in one year at the university's Teaneck and Madison, N.J., campuses and a 20-point increase in average SAT scores in a three-year period.

Hamme has an MBA and a bachelor's degree in business administration, management, and industrial relations from Drexel.



Traveler Dale Wade, center, watches as Embry-Riddle students Johnetta Moore, left, and Felicia Atsain, right, explain how to use the new weather kiosk at Daytona Beach International Airport.

Weather/Flight Center Aids Airport Visitors

Visitors to Daytona Beach International Airport can now track flights and monitor weather conditions at their destination at an airport lobby kiosk set up with Embry-Riddle's help and operated by students majoring in aeronautical science, air traffic management, and business administration.

Using direct feeds from the Federal Aviation Administration and the National Weather Service, the Weather and Flight Tracking Information Center tracks civil aircraft nationwide, particularly flights to and from the Daytona Beach airport. The kiosk also gives precise descriptions of weather conditions throughout the United States, using real-time satellite and radar updates and weather illustrations.

"To my knowledge, this center is the first of its kind for airport visitors," said Dennis McGee (BAST'78), the airport's aviation director.

The information kiosk is a product of Teaching Airport, a partnership between Embry-Riddle and the airport that has resulted in student internships in airport operations and management, organized field visits to the airport, and guest lectures by airport managers.

Pact Eases Graduates' Path to Ph.D. at Northcentral U.

Embry-Riddle and Northcentral University, an online distance-learning institution, have signed an agreement that makes it easier for students who receive a master's degree through the Extended Campus to earn a doctoral degree from NCU.

Northcentral also agreed to grant its students a Ph.D. in business administration with an emphasis on the aviation or aerospace industry if they complete master-level coursework through the Extended Campus.

NCU offers bachelor, master, and doctorate degrees in psychology and business administration.

Student Aviator Spreads Career Message



Jamail Larkins speaking to Boy Scouts in Lakeland, Fla.

During the 2004 Spring term, Jamail Larkins, a 19-year-old aviation business student at Embry-Riddle's Daytona Beach campus, emulated barnstorming pilots of yesteryear with a multi-city national tour, piloting a new Cirrus SR20 aircraft. His mission was to get youngsters in middle schools and high schools along the way thinking about aviation careers.

Embry-Riddle's partner in the National DreamLaunch Tour was Careers in Aviation, an organization that raises awareness about opportunities in aviation and is led by Embry-Riddle alumnus Shawn Raker (BAST'90), a Delta Air Lines captain. Tour sponsors were Aeroshell, AirShares Elite, Cirrus, Cox Communications, Lift, and Michelin.

Nearly every Thursday from Jan. 24 to May 30, Larkins flew the Cirrus plane to a different city, where he visited schools and talked with students about aviation careers.

Students in schools on his tour wrote beforehand about their vision for the next century of flight. Winning essayists were given the chance to fly with Larkin in the Cirrus the following Saturday.

Larkins flew to Atlanta and Augusta, Ga.; Brooklyn, N.Y.; Chicago, Ill.; Cleveland, Ohio; Denver, Colo.; Greenville, S.C.; Lakeland, Miami, Orlando, Pensacola, and Tallahassee, Fla.; Los Angeles, Calif.; New Orleans, La.; Philadelphia, Pa.; and Phoenix, Ariz. He estimates that he spoke to 20,000 kids and reached more than 20 million people through media exposure.

Larkins, of Augusta, Ga., became one of the youngest certified pilots in the United States when he soloed in Canada at age 14. He completed his U.S. solo two years later. He flies a Christen Eagle II aerobatic aircraft on the air show circuit.

For details about the tour, go to www.erau.edu/dreamlaunch.



Workshops Give Teachers New Tool: Space Flight

Embry-Riddle has begun a five-year initiative to train high school teachers how to make math and science more appealing by using space flight and exploration-related materials.

The first workshops in TeachSpace (www.erau.edu/teachspace/) will take place July 15-17 and July 22-24 on the university's Daytona Beach campus. Each workshop is open to 20 talented, motivated teachers of high school math, science, and technology. Teachers receive housing, meals, a \$100 daily stipend, and one hour of graduate credit.

During the following four summers, TeachSpace will also be offered on Embry-Riddle's Prescott, Ariz., campus and at selected Extended Campus teaching centers nationwide. Teachers are selected for their teaching

abilities and potential to help other teachers apply the materials and techniques. Over the five-year period, 10,000 teachers will be trained.

"With this teacher-to-teacher concept, we believe the program will eventually reach one million high school students," said Rodney Piercey, dean of the College of Arts and Sciences in Daytona Beach and one of the program's originators.

Teaching Science and Technology Inc. will develop the workshops' format, activities, and multimedia teaching materials, and McGraw-Hill Publishers will produce workshop materials and maintain a teacher support website. The project is supported in part for the first year by a grant from NASA.

AMT Program to Give FCC and ETAI Exams

Embry-Riddle's avionics line maintenance training program has been authorized by the Electronics Technicians Association International (ETAI) to handle FCC and ETAI certifications.

The FCC certifications consist of all aviation elements, including the general radio-telephone operator license, global marine distress and safety systems maintainer license, marine radio operator permit, marine radiotelegraph operator certificate, and radar endorsement.

The ETAI certifications include a basic electronics apprentice examination for those with less than two years' experience; jour-

neyman certifications in avionics, biomedical, consumer, telecommunication, and wireless electronics; and senior and master awards for those with certification in more than one area.

The Daytona Beach-based program offers more than 400 hours of hands-on airframe and powerplant training covering all phases of wiring, system dynamics, and troubleshooting of general aviation, corporate, and air transport aircraft.

For information on exams and fees, call Neill Fulbright or Glen Travis at (386) 226-6651.

Photo by Robert Ross



Embry-Riddle alumna and NASA astronaut Nicole Stott revisited the Daytona Beach campus and several of her former aerospace engineering professors March 24 during Women in Aviation Day. From left are: Eric Hill, Charles Eastlake, Stott, James Ladesic, and John Novy. Stott was accompanied by fellow astronaut Terry Virts Jr., who graduated from Embry-Riddle's Extended Campus. About 400 girls and their teachers from local schools visited the campus and learned about careers in aviation and aerospace.

CAPT Program Awards First Turbojet Ratings

Thomas Aude and Wade Wallace have become the first graduates of the new Commercial Airline Pilot Training (CAPT) Program at Embry-Riddle to earn their Boeing MD-90 EFD captain's type rating. It is also the first time Embry-Riddle has issued type ratings for a transport turbojet.

"This is a watershed event," said Gary Morrison, manager of the Daytona Beach-based training program. "It demonstrates that 500-hour pilots trained in a specialized program like ours are capable of the same command and judgment necessary for the airline transport pilot certificate that pilots with many more hours have."

Only cadets who exceed airline standards are accepted into the 12-month CAPT Program. Cadets learn the roles of an airline pilot and are trained in an airline environment with a captain and first officer. Graduates earn their captain's type rating in the Boeing MD-90 EFD transport airliner.

At a time when flight instructor experience is less relevant to the role of a newly hired jet pilot, the CAPT Program is creating the type of specially trained pilots that the airlines now seek.

To learn more, call (877) 577-CAPT or go to www.captprogram.org.