

# Lift



**Celebrating  
35 years at the  
Prescott Campus**

PAGE 6

**Reinventing  
Fort Lauderdale-  
Hollywood  
International  
Airport**

PAGE 8

**Electrical expert  
earns coveted  
Bronze Star**

PAGE 10

## JOINT COMMAND

**A couple's amazing journey  
from Embry-Riddle to the elite  
ranks of the U.S. Air Force**

PAGE 14



## FROM THE PRESIDENT



Embry-Riddle is a university that is no stranger to celebrating firsts. Whether it's creating globally unique academic programs or being the first to use leading-edge technology to advance our teaching and research mission, Embry-Riddle has always pioneered new pathways in aviation and aerospace.

Our alumni quite naturally share this trait. At our annual Veterans Appreciation Day, I had the privilege of meeting the two alumni in our *Lift* cover story who exemplify Embry-Riddle's penchant for being first. Brig. Gen. Daniel and Maj. Gen. Margaret Woodward, who met years ago on our Daytona Beach Campus, have the distinction of being the first married couple to have held the rank of brigadier general at the same time.

It's no surprise that alumni like the Woodwards are rising to the highest ranks of their professions. Our alumni and students have always set their sights higher—just like the university that helped produce them.

In fact, the firsts just keep coming:

At the Paris Air Show, we signed a partnership agreement with Diamond Aircraft, expanding the company's current international research and development program and other initiatives working with the university;

We've launched the world's first Commercial Space Operations program, as well as programs in Aviation Security, Cyber Security and Intelligence, Global Business, Aviation Finance, Engineering Management, and Unmanned and Autonomous Systems Engineering;

For the first time in our history, three alumni hold the top positions of leadership on our Board of Trustees;

The Daytona Beach Campus men's tennis team won its first-ever NAIA National Championship;

We're launching our Ph.D. program in Aerospace Engineering this fall.

As these firsts clearly indicate, Embry-Riddle is on an upward trajectory in creating new academic, research and social opportunities for its faculty, students and corporate partners. With our current progress, we can expect to continue on this course of firsts for many years to come and pave the way for the next great innovations in our industry.

Warm regards,

John P. Johnson, Ph.D.  
PRESIDENT AND CEO



Volume 9, No. 2

*Lift*, the alumni magazine of Embry-Riddle Aeronautical University, is published twice annually (spring and fall).

Copyright © 2013

Embry-Riddle Aeronautical University  
Florida/Arizona/Worldwide  
600 S. Clyde Morris Blvd.  
Daytona Beach, Fla. 32114  
All rights reserved

**Vice President for External Relations**  
Bernadine Douglas

**Executive Director of Development**  
Steven Bobinsky

**Executive Director of Alumni Relations**  
Bill Thompson ('87, PC)

**Senior Director of Development  
Communications/Donor Relations**  
Anthony Brown

**Editor**  
Sara Withrow

**Communications Specialists**  
Melanie Stawicki Azam  
Kelly Cuculiansky Pratt

### CONTRIBUTORS

Robert S. Benchley

Yoon Choi, *Director of Annual Giving*

Keith Deaton ('05, '12, DB), *Associate  
Director of Alumni Relations*

Rebecca Douglas

Melanie Hanns, *Director of Public Relations*

Paula Kropp, *Database Manager*

Phillip Larson ('07, DB)

Debbie McNeerney, *Graphic Designer*

Kevin Montgomery, *University Archivist*

John Neff, *Executive Director of  
Development Services*

Edmund Odartey ('04, '10, DB), *Director of  
Alumni Relations, Daytona Beach*

Anna Sabree

Robert Score Jr., *Media Production  
Coordinator*

Alison Smalling, *Director of Sports  
Information*

Kimberly Venema ('11, DB), *Admissions  
Counselor*

### Published by McMurtry/TMG, LLC

**Senior Content Editor**  
Tom Weede

**Creative Director**  
Marc Oxborrow

**Production Manager**  
Shannon Cross

**Production Technology Specialist**  
Julie Chan

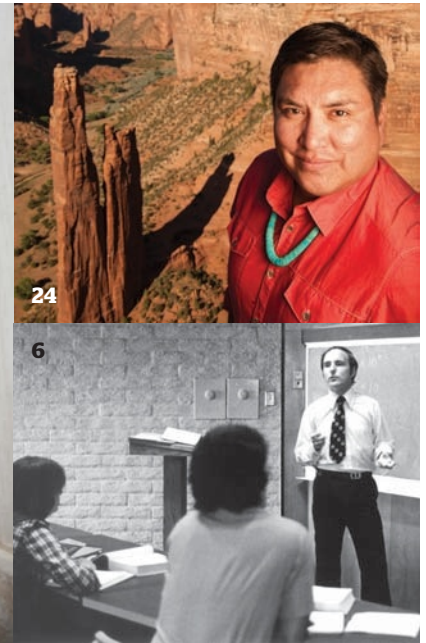
**VP/Client Services & Strategy**  
Paul Peterson

Embry-Riddle Aeronautical University is an Affirmative Action/Equal Opportunity Employer and does not discriminate on the basis of race, color, religion, gender, age, national origin, handicap, veteran's status or sexual orientation.  
Nonprofit identification: 59-0936101.

Change address, unsubscribe or email the editor at [liftmag@erau.edu](mailto:liftmag@erau.edu).

PRINTED ON RECYCLED PAPER





# 14 Eagles in Command

Embry-Riddle power couple's military careers fly in formation—to the top.



## IN OTHER WORDS

### 5 Advancing a Frontier, One Day at a Time

A graduate's view from inside the White House.

## WINGS OF LEGACY

### 6 A 'Gem in the Desert'

The Prescott Campus overcomes fledgling beginnings to celebrate its 35th anniversary.

## FLIGHT PATH

### 8 Riding the Winds of Change

Kent George ('71, DB) is leading Fort Lauderdale-Hollywood International Airport's mission to reinvent itself for the future.

### 10 Taking Charge

Maj. Kevin Brown ('01, PC) displays exemplary leadership overseas.

### 12 Race to Space

Embry-Riddle campuses team up with NASA and the U.S. Air Force to design nanosatellites.

## ALUMNI @WORK

### 20 On 'Sky' Patrol

A team of Embry-Riddle alumni operates a unique wildlife control program to minimize bird strikes at Florida's fifth busiest airport.

## GIVING TO EMBRY-RIDDLE

### 22 Staying Cool

Daytona Beach Racing District grant improves Embry-Riddle athletics facilities.

**PLUS:** ACSS supports students with scholarships, internships.

## ALUMNI IN ACTION

### 24 Coming Full Circle

Arlando Teller ('95, PC) brings aviation expertise home to the Navajo Nation.

## 2 Chatter

News and notes from the world of Embry-Riddle.

## 4 Feedback

Embry-Riddle alumni and friends offer comments and opinions.

## 26 Alumni News

A message from the Alumni Association, celebrating the Class of 2013 and more.

## 32 Class Notes

Find out what your fellow alumni are up to now.



**READ  
LIFT  
ONLINE!**

**ON THE COVER:** U.S. Air Force Maj. Gen. Margaret "Maggie" ('97, WW) and retired Brig. Gen. Daniel "Dan" Woodward ('80, DB) inside the Pentagon.

# CHATTER

## ALTIMETER: HIGH POINTS AT EMBRY-RIDDLE

Prescott Campus men's and women's golf coach **Kim Haddow** and men's soccer coach **Matt Barnes** were named 2013 California Pacific Conference Coaches of the Year.

**Brent Bowen** was named dean of the Prescott Campus College of Aviation in July. He is a former professor and head of the Aviation Technology department at Purdue University.

Embry-Riddle Eagle Athletics in Daytona Beach, Fla., was awarded its 14th consecutive Sun Conference Commissioner's Cup and **Steve Ridder**, Daytona Beach director of athletics, was honored as the conference's 2012-13 Athletics Director of the Year.

The **Golden Eagles** flight team at the Prescott Campus secured its ninth national championship at the 2013 National Intercollegiate Flying Association's annual Safety and Flight Evaluation Conference. The **Daytona Beach Eagles** flight team placed fourth at the competition.

**Curt Lewis**, assistant professor for the Worldwide Campus' Aeronautics department, was named to the International Society of Safety Professionals Board.



## Robertson Safety Institute Opens

In all things aviation, safety comes first. Recognizing the importance of safety and the need for ongoing research and education, Embry-Riddle recently celebrated the opening of its new Robertson Safety Institute (RSI) at the Prescott Campus in Arizona.

The institute is a center for safety education, research, development and workshops, as well as corporate outreach. One of its first projects is an aircraft ditching and survivability course, which is being offered in partnership with Antipodean Aviation, an Australian company. For RSI course information visit: [www.prescott.erau.edu/rsi](http://www.prescott.erau.edu/rsi).

"RSI offers access to the exceptional facilities and resources of Embry-Riddle," says Jackie Luedtke, associate professor and chair of the Safety Science department at the Prescott Campus. "These cross-disciplinary resources allow the RSI to develop robust programs that capitalize upon our experience and dedication to the advancement of safety."

The institute is named for S. Harry Robertson, trustee emeritus of Embry-Riddle and a pioneer in crash investigation and aerospace safety. A dedication ceremony was held April 30, commemorating the naming of the facility in Robertson's honor.

Embry-Riddle's Daytona Beach Campus also offers professional safety and corporate training courses through its Center for Aerospace Safety and Security Education. For information: [www.erau.edu/case](http://www.erau.edu/case).

## Alumni Take the Lead

Embry-Riddle graduates tapped for leadership roles on board of trustees

For the first time in Embry-Riddle's history, three of its alumni will hold top positions on the Board of Trustees, helping shape the future of the world's leading aerospace and aviation academic institution effective Jan. 1, 2014.

"This is a very exciting time for all of us at Embry-Riddle," says university President and CEO John P. Johnson. "Having alumni, now leaders from the industry and community, serve in key roles on our board will further enhance how we prepare our students for success in the future."

**Mori Hosseini** ('78, '79, '82, DB), who was elected to the board in 1999, will assume the responsibilities of board chairman. Hosseini founded ICI Homes (Intervest Construction Inc.) in 1979 and is now chairman and CEO. Hosseini is also involved in several other Florida enterprises and is vice chairman of the Florida Board of Governors.

The current board chairman, Jim Henderson, will become vice chairman.

**Zane Rowe** ('91, DB), elected to the board in 2010, will become board secretary. The vice president of U.S. and Canada sales for Apple Inc., Rowe is also a member of the Industry Advisory Council for the College of Business.

Rowe will replace Larry Clarkson, who will become a trustee emeritus.

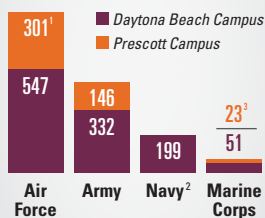
**Joe Martin** ('74, DB), who was elected to the board in 2005, will continue to serve in his position as board treasurer. Martin is the retired vice chairman of the Board of Directors and the Office of the Chairman of Fairchild Semiconductor Corporation.



## BY THE NUMBERS

### A Decade of Leadership

Commissioned Officers  
(2003–2013)



<sup>1</sup> DATA MISSING FOR 2004 AND 2005

<sup>2</sup> PROGRAM INITIATED IN 2003; FIRST OFFICERS COMMISSIONED IN 2005

<sup>3</sup> COMMISSIONED THROUGH THE MARINE CORPS COMMISSIONING PROGRAM

## PHI BETA LAMBDA WINS TOP SPOT, AGAIN

For the seventh consecutive year, Embry-Riddle's Prescott Campus Phi Beta Lambda (PBL) Business Club won the PBL's Arizona Leadership Competition held April 5–6 at Arizona State University in Tempe.

"I'm very proud that our students performed exceptionally well against formidable competitors from multiple colleges and universities. This victory clearly indicates the quality of the students and the business faculty here at Embry-Riddle," says Robin Sobotta, professor and chair of the Business department at the Prescott Campus.

Based on their performance in Arizona, 14 Prescott PBL team members were invited to participate in the 2013 PBL National Leadership Conference on June 22–25 in Anaheim, Calif.

Students **Sylvia Tang** ('13, PC) and **Turner VonAlman** ('13, PC) placed first in Digital Film Making at the national competition. Prescott Campus team members also placed in the top 10 in Financial Services, Parliamentary Procedure and Telecommunications.



John P. Johnson, right, and Christian Dries

## New Partnership Aircraft firm to come to Daytona Beach

Embry-Riddle and Diamond Aircraft Industries announced on June 18 at the 50th Annual International Paris Air Show that the global manufacturer will establish a presence at the university's Daytona Beach Campus and expand its current international research and development program and other initiatives with assistance from Embry-Riddle students, staff and faculty.

Diamond is slated to start on-site operations by October and plans to move into the developing 90-acre Embry-Riddle Research and Technology Park at the Daytona Beach Campus at a later date.

"We are excited to grow our existing relationship with Diamond and to provide the opportunity for our students and faculty to get hands-on experience with such an innovative company," says Embry-Riddle President and CEO John P. Johnson.

With operations across North America, Europe, Asia and Australia, Diamond has a long list of accomplishments that include synthetic vision technology, twin diesel power plants, serial hybrid electric aircraft and pure algae-based biofuel.

"Our target is to be quick on the market, and together with Embry-Riddle we believe that outstanding new technologies can be realized," says Christian Dries, Diamond Aircraft CEO and owner.

Embry-Riddle currently has the largest single fleet of Diamond's DA42 aircraft in the United States. The Daytona Beach Campus has 10 Diamond DA42L aircraft, and the campus in Prescott, Ariz., has four DA42NG.

## Men's Tennis Makes History with National Championship

Embry-Riddle's Daytona Beach Campus men's tennis team made program history in May as the top-ranked Eagles defeated No. 2 Auburn Montgomery 5-4 to capture its first National Association of Intercollegiate Athletics championship award.

"We're excited about winning our first national championship, bringing that title home to Embry-Riddle and Daytona Beach and celebrating it with a lot of people who have been instrumental in helping us build this program," says David Paschal, head coach of the Embry-Riddle team.

During the trophy presentation, Paschal was named Coach of the Year, while top-ranked Embry-Riddle player Deni Zmak received the Ward-Ballinger Award, presented to the individual at the national tournament who exhibited outstanding play, sportsmanship and leadership.

In addition to capturing the national title, the Eagles set a program record for wins, closing out the season at 24-2 and ending on an 18-match win streak.



## ALTIMETER (CONTINUED)

**Brian Butka**, associate professor for the College of Engineering at the Daytona Beach Campus, was selected as a Fulbright Scholar to teach and conduct research this fall at the Management Center Innsbruck in Austria.

Students **Nicole Bonk** and **Mike Edwards** set records at the NAIA Indoor National Championships for the Daytona Beach Campus' track and field team. Bonk's time (13:53.63) earned her the women's 3,000 meter Race Walk championship and set a collegiate and NAIA record. Edwards won the national championship in the men's high jump with a school record of 2.18 meters.

**Tej Gupta**, professor of aerospace engineering at the Daytona Beach Campus, received the 2012 American Institute of Aeronautics and Astronautics Cape Canaveral Section's Outstanding Member Award.

# FEEDBACK

## Memoir strikes a chord

[Re: "In Other Words: A Soulful Presence," spring 2013] I first met Father Kenan Morris, Fr. Ken, as I call him, when I started attending Embry-Riddle in the fall of 1980. A Catholic, I discovered the Newman Center in a room at the University Center. Fr. Ken showed up wearing a Franciscan Friar hooded brown robe and sandals and started directing a handful of us to assemble the altar (all-wood, 3 feet by 4 feet). Because there were so few of us, he asked us to stand around the altar with him for active participation in the Mass!

When I joined the Veterans Club, who should appear to give the Club blessing but Fr. Ken. Come to find out, not only was Fr. Ken a vet, he was the highest-ranking one there: a Lieutenant Colonel in Vietnam and a recipient of the Bronze Star.

Two years later, I met a Catholic girl in Savannah, Ga. During a weekend visit I took her to the Newman Center for Mass. She whispered that Fr. Ken was in the Campus Ministry at the University of Florida at Gainesville, where she graduated a few years back. Fr. Ken sure got around, but that's what Franciscans do; they wander around like a sort of Johnny Appleseed, planting spiritual seeds in people.

Later, Fr. Ken married us. I can still recall the instruction he gave our guests prior to the ceremony, a play-by-play description of what they were about to witness. Now, that's interfaith awareness!

Fr. Ken touched the lives of everyone who knew him. I'll never forget him, and I'll always miss him!

**Bill Bernardicius ('84, DB)**

B.S. Aviation Maintenance Management

## Diamond Dreams

Mark Berry's ('85, DB) letter ["Feedback: Ode to Eagle Baseball," spring 2013] elicited some memories for me. Even before Mark's time on the Embry-Riddle diamond (1980s), I spent two or three seasons wearing the Eagle uniform (1969–71). I do not believe we had a winning record in any of those years, but we did have a left-handed pitcher who gave us a chance anytime he took the mound. His name escapes me.



Bob Duden in left field at the Al Somers Complex in Daytona Beach.

When our regular catcher sprained his ankle skydiving, I was recruited. My prior experience was Little League Baseball; and now, I was about to catch for a lefty with a hook that fell off a table, against a team (Bethune-Cookman) that lived to steal bases. Steal them they did. I don't remember how many and I don't recall throwing any of them out. The one saving grace was the lefty on the mound. He was able to keep the runners close and that held down the total number of stolen bases.

I never caught another game, but I do have another recollection from that game. Bethune-Cookman's catcher, Boobie Clark, was a mountain of a man who went on to play for the Cincinnati Bengals. During this game, he hit a shot into the heavens that didn't stop until it struck a building in faraway left center. The flight of that ball was an awesome spectacle to watch. It had to be, because over 40 years later, I still remember it. Thank you, Mark, for the memories.

**Bob Duden ('72, DB)**

B.S. Aviation Management

## Largest 'Hand Held' Controlled Drone

In response to Ian Whalley ('03, WW), ["Feedback: First or second largest drone," spring 2013] an argument can be made that a B 727-212 is bigger than a B 720.

Both have virtually the same zero fuel weight (103.1K vs. 102.9K); the 727-212 is quite a bit longer (153 feet vs. 136 feet), and carries 40 more passengers. The 720 does hold quite a bit more fuel (60K vs. 39.8K) and thus has a slightly higher maximum takeoff weight (222K vs. 210K). All that being said, the Broken Wing Team (including five Embry-Riddle graduates) believes we can safely claim the largest "Hand Held" controlled drone [See "Flight Path: Picture-Perfect Crash," fall 2012].

The flight tests were quite different: NASA's 720 crash was a fuel test. Broken Wing's 727 crash profile was designed to replicate an accident. The NASA test was to gather data on fuel

flash point. Broken Wing's flight test was designed to gather multiple data points on passenger survivability.

There was one area the NASA project was much larger: budget. NASA's test was \$34 million in 1984 dollars. Broken Wing's budget was less than \$1 million in 2012 dollars.

Broken Wing hit the profile exactly, providing a decade's worth of hard data to analyze. This data has already verified the concept and practice of component-based testing and will greatly enhance the study of passenger survivability.

**Leland "Chip" Shanley Jr. ('92, WW)**

CEO, Broken Wing LLC

M.S. Aerospace Management

## TALK TO US

We invite your feedback on *Lift* content or topics related to the university. Letters may be edited for style, length and clarity. Submission does not guarantee publication.

**EMAIL:** [liftmag@erau.edu](mailto:liftmag@erau.edu)

**WRITE:** *Lift* Editor  
ERAU Alumni Relations  
600 S. Clyde Morris Blvd.  
Daytona Beach, FL 32114





# Advancing a Frontier, One Day at a Time

A graduate's view from inside the White House

BY PHIL LARSON ('07, DB)

It's humbling to be able to wake up every day, walk through the gates that have been crossed by many historic figures, and think about what small part I can do in my field to make the nation just a little bit better.

Over the past four years, I've been in the extremely lucky position to be part of a White House that is intensely focused on using technology and innovation to help strengthen our country.

Written on a Post-it note in my office is the proverbial technological question: "Where's my flying car?" It's important to remember the future is not always what we think it will be. The rate of innovation is accelerating and so is the number of things we can do with our great ideas. That means the choices we make today will have huge impacts tomorrow.

Who would have predicted additive manufacturing processes would be printing spacecraft and rocket parts with titanium 3-D printers? Or that an automobile-sized, laser wielding rover would accurately land on Mars with an innovative "Sky Crane" descent system?

So we don't need to just give the age-old "flying car" a lift; we need to give all of science, technology, space and innovation a lift. And I'm proud that my alma mater is looking to do just that and seeking to be leaders in the burgeoning commercial space arena, with a groundbreaking degree in commercial space operations debuting this fall.

In 2010, President Obama outlined our nation's space program goals at Kennedy Space Center, including the ultimate goal of a human mission to Mars. The nation's plan for space encompasses a first-ever mission to move and visit an asteroid, developing in-space technologies and relying on a vibrant new U.S. commercial sector, all while renewing NASA's commitment to important aeronautics research and development for things like advanced composite materials and next-generation air traffic management.

My role includes making sure my boss (the President's science and technology advisor, John Holdren) and his boss (President Obama) are up to speed on key space and aeronautics policy issues. I also help formulate and implement space policies, while working with the President's budget team, to ensure we are getting the most bang for the taxpayer



buck with agencies like NASA. And, I reach outside of government to make sure industry, academia, foundations and other organizations are part of the conversation.

We use a number of approaches to spur innovation and push the bounds of discovery—including, increasingly, the targeted use of prizes.

Charles Lindbergh was first tempted to fly nonstop to Paris, not just because he was an adventurer, but also in hopes of winning the \$25,000 (at that time, a lot of money!) Orteig prize. And I remember watching in 2004 from *The Avion* office the first private company send a crewed craft to space and then repeat the task within a week to win the \$10 million X-Prize.

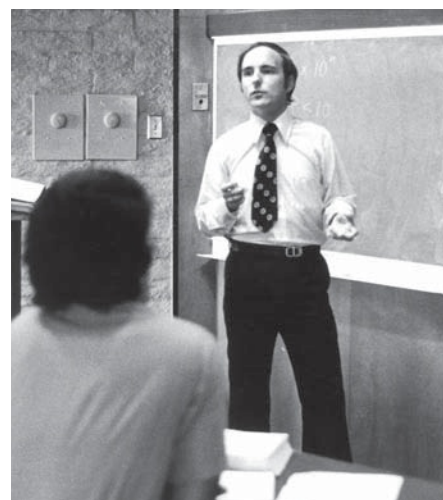
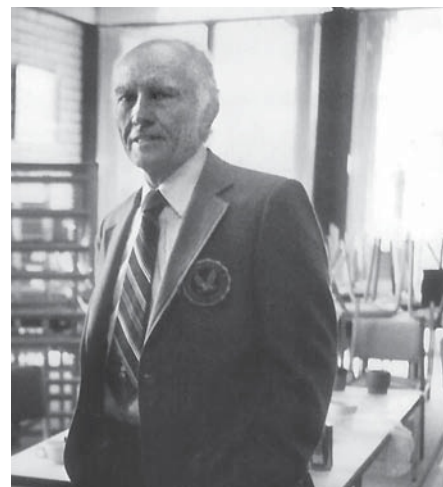
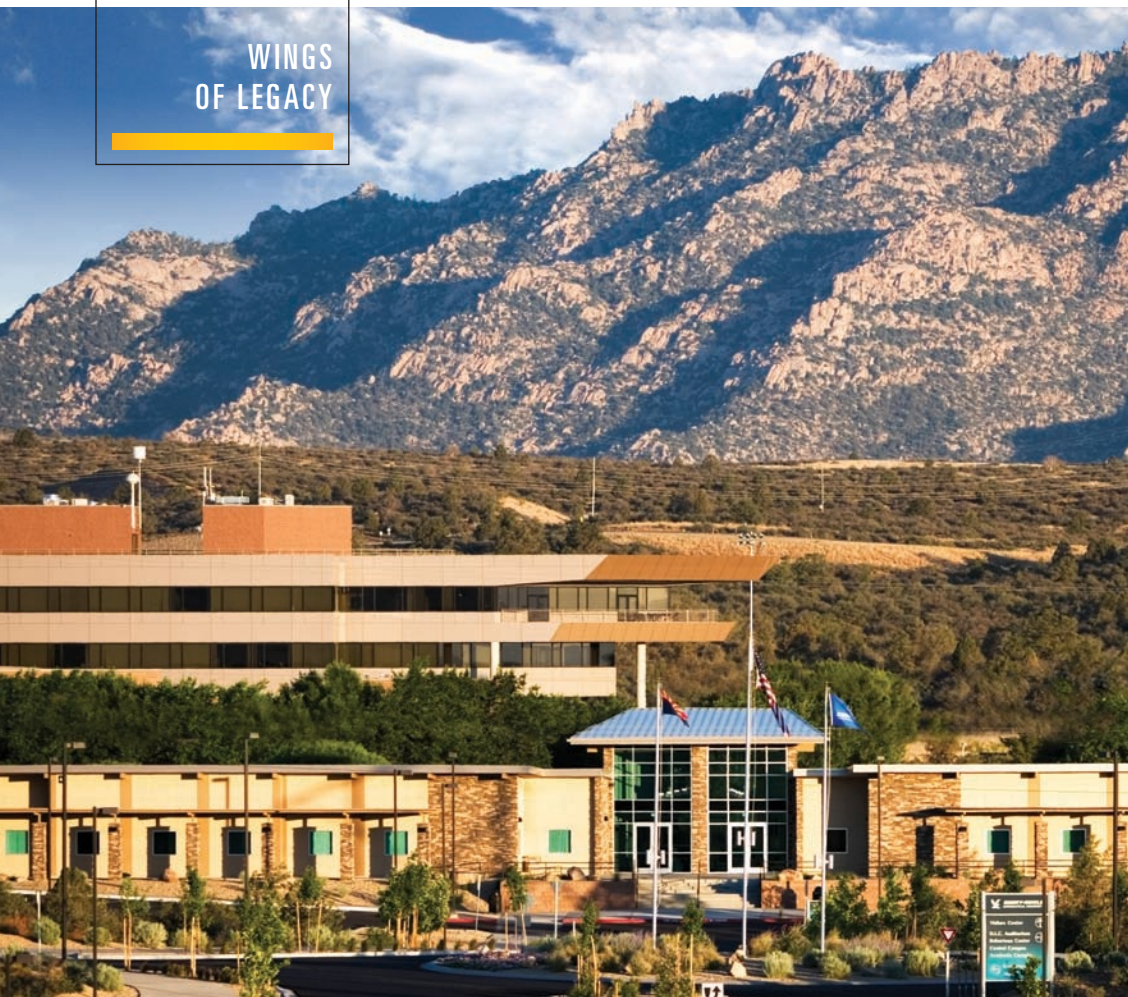
Right now, the U.S. government is offering millions of dollars in prize money to lure innovators into building better light bulbs, cheaper satellite-launching spacecraft and more fuel-efficient cars.

There has never been a time when aerospace—and science, technology and innovation, in general—have been more important to our country and the world, and it's an honor to be part of a team focused on using these endeavors to make the future brighter. ✨

**EDITOR'S NOTE:** Larson earned a bachelor's degree in aerospace studies from Embry-Riddle and has worked as a policy advisor for space and aeronautics at the White House since 2009. He can be reached at [plarson@ostp.eop.gov](mailto:plarson@ostp.eop.gov).

---

**SEND US YOUR STORY** *In Other Words* gives you the opportunity to share your industry-related or personal perspective with *Lift* readers. Email submissions/proposals to [liftmag@erau.edu](mailto:liftmag@erau.edu).



# A 'Gem in the Desert'

The Prescott Campus overcomes fledgling beginnings to celebrate its 35th anniversary

BY SARA WITHROW

It took vision to imagine a thriving university campus on what was in the late 1970s an abandoned property on the outskirts of Prescott, Ariz., and former Embry-Riddle President Jack Hunt had that vision. Like a settler seeking the promise of a better future for his family in the great West, Hunt saw opportunity in the 510 acres of high desert dotted with sagebrush and small block buildings. Here he would establish his western campus.

Now in its 35th year, Embry-Riddle's Prescott Campus boasts a regular enrollment of 1,700-plus students, 17 undergraduate degrees, a Master of Science in Safety Science, and a new Master of Science in Global Security and Intelligence Studies

set to debut in 2014. In the words of its accreditor, the Southern Association of Colleges and Schools, Embry-Riddle Prescott is a "flourishing" campus and "a gem in the desert."

## Ghost Town

Hunt's dream wouldn't come easily.

One institution of higher education, Prescott College, had already been there and failed. The property, deserted over the course of only a few hours in 1974, sat vacant and untended for four years—a ghost town, frozen in time.

John Jenkins, a mathematics professor who was one of the first hired in 1978 and continues to teach today, recalls the scene: "It was spooky. There were evaporated cups of coffee on the desks, the microscopes for the biology lab were set up for the next day's lab and there were small personal items still in the desk drawers. It felt like they killed everybody and just dragged the bodies off," he says.

Despite the challenges, Jenkins and others rolled up their sleeves, dedicating long hours and wearing multiple hats to ensure the campus' success. "We



all had to pitch in and help, but we loved it," says Sarah Thomas, a 33-year employee at Embry-Riddle Prescott and director of library services for the Steven F. Udvar-Hazy Library and Learning Center. "We had such a pride and love for this little out-of-the-way place in Arizona. It was a new endeavor, a new enterprise, and people wanted to be a part of it."

## The Western Campus Takes Off

"Originally, the Prescott Campus was to be a prep school for students not succeeding in other areas," Thomas says. Jack Hunt's idea was to provide struggling students with a disciplined environment and training to master a technical skill, namely flying. Similar to a military institution, the students were required to follow a dress code and be well groomed. The prep school dream was never fully realized, Thomas says.

The aeronautical science program was booming in 1978 at the Daytona Beach Campus, with students being placed on waiting lists. Those turned away

became a ready pool of prospects for the new Arizona venture. With only 19 students registered for the Prescott Campus by July 1978, the recruiters got busy.

"We had this stack of applications that had been rejected from Daytona because of space,

and our admissions counselors would call all day long, promising students anything to come here," Jenkins says. Promoting 300-plus sunny flying days a year in Prescott and a ready-made space at the Prescott Municipal Airport for a flight line and flight operations facility, enrollment took off. When the doors opened in September, the campus boasted 240 incoming students, says Jenkins.

## Northeast Invasion

Rob Fenton ('82, PC), originally of Long Island, N.Y., was one of the students recruited to Prescott. Picked up at the Phoenix airport by a campus representative in a van, Fenton says he was not particularly impressed when after a two-hour drive north, he caught his first glimpse of the campus. "I remember thinking, what have I gotten myself into," he says.

In addition to rudimentary facilities, there was also a gender imbalance. "There were about 200-some guys and only about 19 girls that first semester," Fenton says. Given the situation, most of the men sought female companionship in the city of Prescott

or at nearby Yavapai College, which contributed to a general wariness among the townspeople toward them. "The locals didn't know what to do with us: shoot us or give us the hairy eye," he says.

Because a majority of the students originated from the Northeastern United States, the community also experienced somewhat of a culture shock. "Right after the school opened, the local newspaper ran an article with the headline: 'Small western town invaded by New Jersey,'" Fenton says with a laugh.

Still, the rural setting and small class sizes created an environment ripe for learning, and Fenton, an aeronautical science major, says he adjusted quickly. He and his peers went on to form the Golden Eagles Flight Team, then a student club, and the Alpha Eta Rho professional aviation fraternity at the Prescott Campus. "I had some of the best times of my life there," Fenton says.

## The Prescott Survivors

According to Jenkins, the secret to the campus' early success was the can-do attitude of its faculty and staff. Opening with only eight faculty members, the campus, popularly known as "Jack Hunt's crazy idea," became a shining reality—thanks to the hard work and leadership of the employees, university trustees and administrators in the years that followed. "They did what they came here to do," Jenkins says.

To celebrate how far they'd come, the original eight faculty members would gather annually to mark each additional year they survived. They became known as the Prescott Survivors. 🦅

## PRESCOTT CAMPUS AT A GLANCE

**May 1, 1978**  
Embry-Riddle occupies the former Prescott College

**\$1.1 million**  
purchase price with an immediate investment of \$800,000

**510**  
Original acres

**51**  
Original buildings

**1982**  
First graduating class

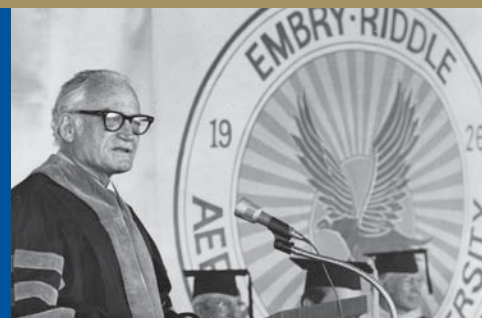
**240**  
Fall enrollment, 1978

**1,724**  
Fall enrollment, 2012

Far left, the Prescott Campus Visitor Center, foreground, and Academic Complex I are two of several new buildings that transformed the original Prescott College property into a vibrant campus community. Top, former Embry-Riddle President Jack Hunt surveys a laboratory at his new campus; and bottom, John Jenkins lectures a class, circa 1978–80.

## MYSTERY HISTORY CONTEST

What well-known political figure (pictured here) visited Embry-Riddle's Prescott Campus in 1983?



Are you an Embry-Riddle history buff? Enter our Mystery History Contest for a chance to win a copy of *Forever an Eagle, a Pictorial History of Embry-Riddle Aeronautical University*.

**TO WIN:** Search the University Archives online ([www.eraualumni.org/archives](http://www.eraualumni.org/archives)) for the correct answer. Send your answer to the email address on the archives webpage, and your correct response will be entered into a random drawing held after Sept. 25.

**Brandon Wells ('10, WW) of Louisiana is the winner of the spring 2013 Mystery History Contest.** Wells correctly identified the Embry-Riddle facility at which the pelican/float flag was displayed—the Miami Seaplane Base—and named one of the individuals pictured in the photograph: then Embry-Riddle President John McKay.

Explore Embry-Riddle's past at [www.eraualumni.org/archives](http://www.eraualumni.org/archives).

**Watch:** A group of the Prescott Survivors share memories of their early days at the Prescott Campus in an excerpt from their 2003 reunion and interview for the Embry-Riddle Heritage Project. [www.eraualumni.org/PrescottSurvivors](http://www.eraualumni.org/PrescottSurvivors)



# Riding the Winds of Change

**Kent George** ('71, DB) is leading Fort Lauderdale-Hollywood International Airport's mission to reinvent itself for the future

BY ROBERT S. BENCHLEY

**O**n Sept. 18, 2014, a commercial jetliner will accelerate down runway 10R/28L at Fort Lauderdale-Hollywood International Airport (FLL) and lift off into the South Florida sky. In the control tower, there will be applause all around, and Kent George ('71, DB) will be able to breathe a well-deserved sigh of relief.

The cause for celebration will not be the takeoff itself, but what it will represent—the successful completion of a nearly three-year, \$1 billion runway construction project that the Federal Aviation

Administration (FAA) calls “one of the largest and most important” currently in U.S. aviation.

George is the director of aviation at the Broward County Aviation Department, which manages both FLL, the 21st-busiest airport in the United States, with 700 daily operations and 24 million passengers; and North Perry Airport (HWO), one of the busiest general aviation airports in Florida, with 150,000 takeoffs and landings annually. He assumed that job in October 2007, following nine years as executive director/CEO of the Allegheny County Airport Authority in Pittsburgh. While there, he earned a national reputation as a turn-around expert for converting the business structure from a county-run operation to an independent authority, for shepherding Pittsburgh International Airport through two US Airways’ bankruptcies, and for raising operating efficiencies so dramatically that his budget was never increased in the years he was there.

The challenge presented to him by FLL, however, was different. “They wanted to reinvent themselves,” George says. “And I have had the good luck to work with a county commission that wanted change and has supported us. We’re now halfway through \$1.5 billion in improvements, yet our cost per enplaned passenger is \$4.05, one of the lowest in the country.” George projects this cost will rise to \$5.25 by 2021.

PHOTOS COURTESY OF BROWARD COUNTY AVIATION DEPARTMENT



**Kent George is the man behind a billion-dollar runway expansion and terminal construction project at Fort Lauderdale-Hollywood International Airport. The expansion is expected to increase the airport's operational capability by 50 percent.**

"Today, the average cost at a large airport is \$10 per passenger, so we have done a good job," he says. Good enough, in fact, that Airport Revenue News named George as Director of the Year for Large Airports in 2012. George credits his success at FLL to having a strong team. And that team just happens to have had several Embry-Riddle alumni, including director of operations Mike Nonnemacher ('95, WW) and former deputy director Ismael "Izzy" Bonilla ('94, WW), who is now chief operating officer for Aerostar Airport Holdings. "The secret is good management at all levels and a supportive governance structure," George says.

## Reinvention

For many years, FLL was known as the "kinder, gentler" alternative to Miami International Airport, 20 miles to the south. Its lower cost structure attracted airlines and passengers alike; and the late 1990s saw a significant addition of international flights to destinations other than the Caribbean. Since then, passenger demand has increased exponentially.

But something was missing in the growth equation: a single runway capable of handling the ever increasing number of flights at FLL. Expanding FLL's runway capacity had been talked about for more than two decades; the FAA began identifying it as a high priority in 1994. When George arrived at FLL in 2007, he was tasked by the Board of Broward County Commissioners to move the runway plan forward. The final plan, approved by the FAA in late 2011, called for lengthening an existing runway to 8,000 feet, widening it to 150 feet and building a companion terminal, as well as buying up nearby business, maritime and residential properties to make room.

But there's more. The new South Runway, as it is familiarly called, will be an engineering marvel. The runway extension and a parallel taxiway will be supported by a series of bridges six stories high to allow traffic on U.S. Hwy. 1 and the Florida East Coast Railroad to pass through tunnels underneath.

When all the related projects are completed, FLL will have increased its operational capability by 50 percent, George says. "With the significant growth that FLL has realized over the past 10 years, the new runway will minimize what otherwise would have been significant delays within the National Airspace System," he adds.

## Aviation Seeds

His stellar career in aviation might never have happened had George not walked by an Air Force recruiting office after graduating from high school in 1965. "Within two weeks I was off to basic training," he says.

His service included 13 months in Vietnam in a special recovery squadron. Although he had been trained

as a mechanic and was certified for several different aircraft, George also learned to fly some of those same airplanes. It was a different process then. "I never got a private license," he says. "I got a commercial license and then an instrument license. You can't do that today," he adds with a laugh.

Once he was discharged, George knew he needed an education, and his aviation interest led him to Embry-Riddle. He enrolled in January 1969, took a summer off to get married and graduated in 1971 with a Bachelor of Science in Aviation Management.

He went on to earn an MBA at Saint Joseph's University in Philadelphia and the Accredited Airport Executive designation. A leader in the aviation

**"The secret is good management at all levels and a supportive governance structure."**



industry, George has served as president of the American Association of Airport Executives and chairman of the Airports Council International-North America. He is also a member of Embry-Riddle's Industry Advisory Board for the College of Business, where he provides guidance for programs and curricula to ensure graduates are fully prepared to meet the needs of industry.

George shares the credit for his successful career with Barbara, his wife of 44 years. "You have to have that kind of support in a very mobile industry," he says. "She was with me in school, in all my moves and in all my jobs."

He adds, "I have been so lucky to be in a field that I thoroughly enjoy. It makes me look forward to getting up every morning and going to work." 🌿

**New construction begins to take shape in January 2012. Several nearby properties were purchased by Broward County through eminent domain to allow for the runway expansion and safety buffer mandated by the Federal Aviation Administration.**

# TAKING CHARGE

Maj. Kevin Brown ('01, PC) displays exemplary leadership overseas

BY REBECCA DOUGLAS

When a transformer exploded at Ali Al Salem Air Base in Kuwait, there was little doubt about who to call. U.S. Air Force Capt. Kevin Brown ('01, PC), now a major, was dispatched to assess the potentially crippling situation.

"He was known as the in-country electrical expert," explains Lt. Col. Terrence Walter, his commanding officer.

Instead of bringing in temporary generators—a process that would have taken six weeks, Brown tackled the root problem immediately, restoring power in just three days—including air conditioning for 830 dormitories at the desert base. "I trusted the electricians I brought with me," he recalls. "We opened and cleaned circuit breakers, inspected all the cabling and wiring and then were able to close and back feed the system."

"Dr. Bellem would have been proud," he adds, noting the lasting impression of his Embry-Riddle undergraduate electrical engineering professor, Raymond Bellem.

Brown also credits Embry-Riddle's ROTC program for helping build his skills: "Of about 1,800 students on the Prescott Campus, more than 400 were Air Force and another 100 were Army. With a program that big and strong, we had many more opportunities to learn about leadership and 'followership' than cadets at other schools."

Participating in drill team, the Arnold Air Society and ROTC Warrior Challenges was especially helpful in preparing him for life as an Air Force officer.

## Working Under Fire

Brown's decisive action at Al Salem during the final days of Operation Iraqi Freedom was one of four major events cited when he received the Bronze Star in May 2012. Restoring the theater's key hospital at Joint Base Balad in Iraq to working order while still under mortar fire was another. "They blew up the blood bank and lab, so we needed to get everything up and running as quickly as possible," he explains.

Leading efforts to restore power, make structural repairs and clear debris, Brown helped resume hospital operations within 24 hours—with the blood supply safely intact.

"My guys kicked butt," Brown recalls. "There's no other military in the world that does what we do, the way we do it. Air Force civil



engineers are top-shelf craftsmen who are passionate about their work."

Crediting his airmen comes naturally for Brown, a trait he attributes to his grandfather, who retired as a chief master sergeant. "Chief taught me the importance of respecting enlisted personnel," he relates. "As a new lieutenant, you may outrank 80 percent of the Air Force, but those senior enlisted members under you have a lot of knowledge and experience. In comparison, you're just a one- to two-year puke. It's important not to relinquish your leadership and authority, but to recognize their value."

Beyond his heroic tactical contributions during the transformer and hospital emergencies, Brown also displayed exemplary leadership during the drawdown of Balad Air Base, Iraq's busiest airfield, and the standup at Ahmed Al Jaber Air Base in Kuwait. "Balad supported the fighters, reconnaissance aircraft and rescue helicopters that provided air cover for our ground forces," Walter explains. "It was vital for Al Jaber to be ready to provide that cover once Balad closed."

## Strategic Impact

During the six-month decommissioning of Balad in 2011, Brown oversaw the removal or redistribution of more than 400 short tons of generators and equipment while readying permanent infrastructure for turnover to the Iraqi government.

PHOTO COURTESY OF U.S. AIR FORCE





Because his crews completed the decommissioning duties 23 days ahead of schedule, the base was closed earlier than planned, thwarting a demonstrated risk of enemy attacks nearer the originally scheduled pullout. "The strategic impact of hitting those timelines was considerable," emphasizes Walter.

With the drawdown in its final stages, Brown forward-deployed to ready the dormant U.S. base at Al Jaber in Kuwait to receive Balad's aircraft and personnel. "We completed more than 2,000 work orders in seven weeks," he reports proudly, again crediting his airmen, who came from 35 different bases.

Typically, a major or a lieutenant colonel leads such operations, but Walter was confident

Kevin Brown receives the golden oak leaf pin signifying his promotion to major on Dec. 1, 2011, from then Brig. Gen. Kurt Neubauer, left, and Lt. Col. Terrence Walter at Al Jaber Air Base in Kuwait. Right, Brown in convoy gear en route from Forward Operating Base Marez to downtown Mosul, Iraq, to inspect facilities and units for relocation to northern Iraq.

## Crediting his airmen comes naturally for Brown, a trait he attributes to his grandfather, who retired as a chief master sergeant.

recommending Brown, then a captain, for the job: "He uses pure reason to determine the right strategy and builds teamwork from the top down, inspiring his people to work long days under miserable conditions to get the job done.

"He delivered: The jets were received on time, and morale was sky-high." 🦋

## LESSONS FROM THE FRONT

With 900-plus days of deployment in Iraq, Kuwait, Oman and Qatar, Maj. Kevin Brown ('01, PC) has amassed a C-5 load of leadership lessons. Here are a few he learned while commanding combined forces of more than 1,000 airmen and private contractors under the continual threat of mortar and rocket attacks:

**Focus counts.** "Leading in a combat zone is easier than one might think," he relates. "Everyone is united by the same goal. At home, there are more distractions competing for their time and attention."

**Empower the people you lead.** "For engineers, there are many different ways to complete a job. I'd rather let my young airmen figure out some things for themselves instead of always having them do it my way."

**Be comfortable in your own boots.** The lessons he learned while teaching at the Air Force Institute of Technology gave him the courage to answer honestly and directly when a four-star general asked him about conditions in the Iraqi theater.

**Make human connections.** "Handling matters from behind a desk with email may be time-efficient, but it's often less effective than walking and talking with people. I believe in the power of a handshake and a thank you."



**Maintain balance.** In addition to studying how his military mentors handle mandates from Congress and the Pentagon, Brown also analyzes how they conduct their family and spiritual lives.

**Live life to the fullest.** Visiting the grave of a friend at Arlington National Cemetery reminds Brown to seize personal opportunities. Now stationed in Germany as a strategy development officer for U.S. Africa Command, he takes time to explore Europe with his wife, Katie. Similarly, he has fond memories of Embry-Riddle that include: rappelling at The Dells, eating fish and chips on "whiskey row" and participating in citywide Fourth of July water fights.

# RACE TO SPACE

Embry-Riddle campuses team up with NASA and the U.S. Air Force to design nanosatellites

BY KIMBERLY VENEMA ('11, DB)

**M**ini satellites created by Embry-Riddle students and faculty may someday orbit Earth to identify and remove space debris, test electronic memory devices and assess satellite decay. Partnering with the U.S. Air Force and NASA, teams at the Daytona Beach and Prescott campuses are developing CubeSats, nanosatellites designed to conduct valuable space research.

## Project ARAPAIMA

Embry-Riddle's Daytona Beach Campus is one of 10 universities across the country selected to participate in a satellite design competition sponsored by the Air Force Office of Scientific Research and managed by the Air Force Research Laboratory. A grant for \$110,000 from the Air Force's University Nanosat Program will help fund the project's design phase over the next two years. Additional funds are needed, as the overall project cost is estimated at \$1 million.

Named for a large Amazonian fish, Project ARAPAIMA is an acronym for Application for Resident space objects (RSO), Autonomous Proximity, Analysis and IMAGING. The CubeSat's goal is to approach an RSO, for example, a defunct satellite or the spent upper stage from a rocket, and investigate it at a distance of a few hundred yards, says Bogdan Udrea,

A cadre of Team ARAPAIMA displays 3-D models of components that will help operate their CubeSat. From left, back: Bogdan Udrea, assistant professor of aerospace engineering; Nicholas Martini ('13, DB); and Kristia Harris ('13, DB); front, Halley Chang ('13, DB); Francisco Franquiz ('12, DB); and Samantha Gillespie ('13, DB).

Embry-Riddle assistant professor of aerospace engineering and principal investigator and faculty adviser for ARAPAIMA. A demonstration satellite, ARAPAIMA is allowing the project team to test technologies in Earth orbits of about 300 miles altitude that could be used in the future to image pieces of space debris for possible controlled deorbit.

The project offers students the opportunity to connect classroom theory with practice, Udrea says. "They are managing complex systems, working with a science team, customers and a program office team [Air Force]," he says. "Students involved in projects like this are going into the workforce with the equivalent of two years of experience in the industry, according to an informal survey by the Air Force."

A propulsion system created by University of Arkansas (UA) associate professor Adam Huang and a team of UA students will control the CubeSat. Additionally, Embry-Riddle associate professor of electrical engineering William Barott and a group of students are designing a radio communications sub-system for the project.

"We are excited that this is an interuniversity collaboration," says Nicholas "Nik" Martini ('13, DB), former project lead systems engineer. "But we are also thrilled that Embry-Riddle alumni are getting involved."

## Devouring the Competition

A satellite flight test engineer stationed at Kirtland Air Force Base in New Mexico and a member of the Embry-Riddle Industry Advisory Board for Aerospace Engineering, 1st Lt. Michael "Mikey" Nayak ('10, DB) helped Udrea develop the project proposal. As co-investigator and chief scientist for the team, he is developing the algorithms and "hard science" for the satellite mission plan and will also supply the software to create 3-D images of each piece of debris identified by ARAPAIMA.

"ARAPAIMA will be equipped with a visible spectrum camera, an infrared camera and a laser range

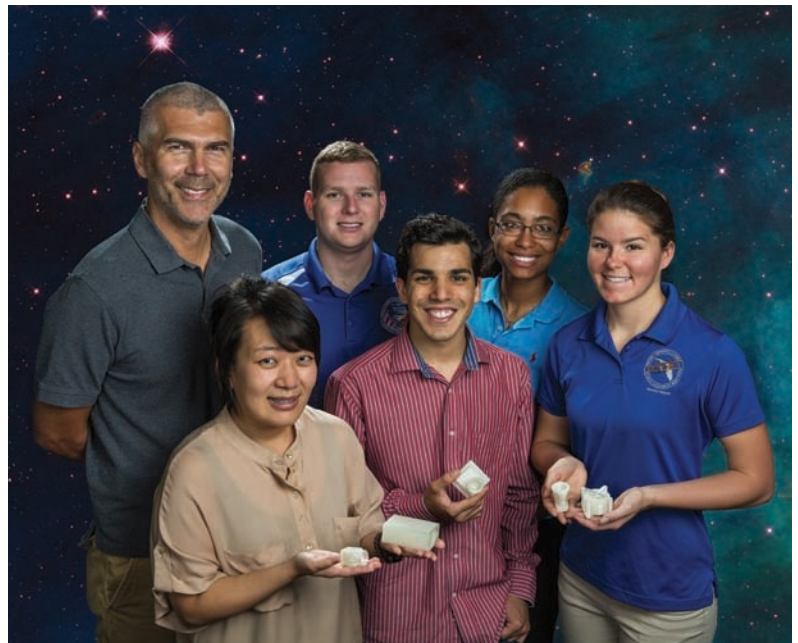
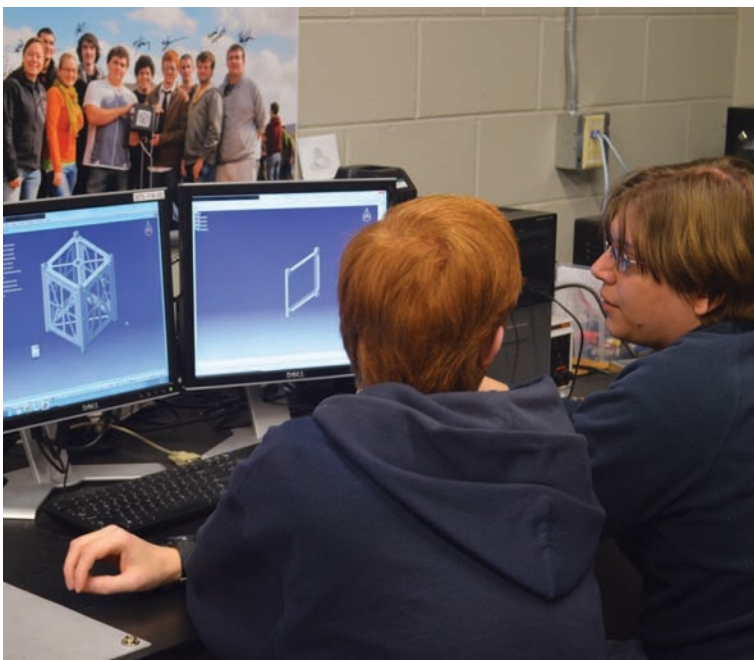


PHOTO BY DARYL LABELLO





EagleSat team members Alex Noyes, left, and Aaron Taylor discuss their nanosatellite design.

which the Prescott Campus is a member; contributions are needed, however, to fund the bulk of the project.

"We are hoping to develop the standard for future CubeSats," Crabtree says. "However, education is our primary goal. We want to integrate satellite building, design and operation into the aerospace curriculum."

The satellite's mission is to test two technical initiatives. The first deployment of EagleSat will test electronic memory capabilities in space. "We want to test types of memory, similar to that of a flash drive," says Clayton Jacobs, student program manager. "Solar radiation and zero atmosphere have different effects on memory and have been known to flip random pieces of information. We want to see if there is something in space causing these changes over time."

### Aiming for a 2016 Launch

The second mission will be to map the satellite's decay. EagleSat will be equipped with a Global Positioning System

that will follow its descent toward the Air Force's Space Fence, a ground-based space situational awareness radar system. As objects breach the Space Fence's radar beam, the receiver sites are signaled. Jacobs says the GPS on the CubeSat will work with this technology to allow those on the ground to graph decay characteristics of the satellite as it enters the atmosphere.

The EagleSat team plans to test its power supply and communications system in August 2013, on the High Altitude Student Platform, another NASA-sponsored project that transports payloads for various universities as trial runs. The nanosatellite could launch as early as 2016. 🐦

**JOIN THE RACE** Help our students develop the satellites of the future. Find out how you can support space research at Embry-Riddle; contact [steven.bobinsky@erau.edu](mailto:steven.bobinsky@erau.edu) or call 928-777-4210.

finder," explains Kristia Harris ('13, DB), a graduate student and payload lead for the project. "As the nanosatellite circles the RSO, sets of range measurements called point clusters or point clouds will be collected to form a three-dimensional 'skin' allowing us to identify its shape."

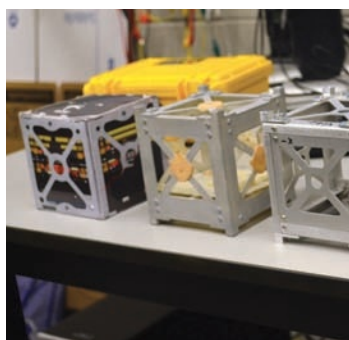
The same technology could be used to map and image asteroids as well, Martini adds.

In January 2015, the ARAPAIMA team will come face-to-face with the judges and their competitors, at which time one of the 10 university satellite designs will be selected for production and eventual space launch. If selected, ARAPAIMA could launch in late 2015.

Martini, who graduated in May, is confident that ARAPAIMA will be true to its namesake—one of the largest freshwater fish in the world—and devour the competition. Even if it doesn't, he says the students involved will gain invaluable experience. "I'm excited to see where Riddle will be 10 years from now, and how we can help out as alumni," he adds.

### EagleSat

Embry-Riddle's Prescott Campus has also entered the satellite design and construction business with a CubeSat, aptly named EagleSat. One of 24 nanosatellites selected for launch as an auxiliary payload in conjunction with NASA's CubeSat Launch Initiative, the project is led by consultant and adjunct faculty member John Crabtree, associate professor of aerospace engineering Gary Yale, and professor and Dean of the College of Engineering Ronald Madler. EagleSat is receiving minimal funding from the Arizona Space Grant Consortium, of



**"We want to integrate satellite building, design and operation into the aerospace curriculum."**



### WATCH

View NASA's animation of space debris:

<http://1.usa.gov/aegn3s>

---

## Embry-Riddle power couple's military

---

# EAGLES IN

---

careers fly in formation—to the top

---

# COMMAND

---

 BY SARA WITHROW 

---

U.S. Air Force Maj. Gen. Margaret “Maggie” (’97, WV) and retired Brig. Gen. Daniel “Dan” Woodward (’80, DB) are a force to be reckoned with. In their careers they’ve thwarted the deadly plans of a foreign dictator, directed humanitarian and evacuation missions, built positive international relationships, facilitated billion-dollar deals with foreign governments, collectively accumulated more than 6,800 military flight hours, and shaped the future of the Air Force and the airmen with whom they’ve served. And they’ve done it all as husband and wife.

“Their careers have just been an amazing thing to watch,” says retired U.S. Air Force Maj. Gen. Ken Hess, who commanded the 47th Flying Training Wing at Laughlin Air Force Base (AFB)

in Texas when the Woodward family were stationed there in the early 1990s. “I used to tell them that they needed to be the Air Force’s worst [logistics] nightmare. At the time, joint military couples were just starting to crop up. One of them could have chosen to take a back seat to the other in their careers, but they made a decision to contribute substantially to the Air Force in different ways and as a consequence, both of their careers really blossomed.”

The Woodward family weren’t just successful; they made history. In 2007, they became the first married couple in the Air Force to hold the same rank of brigadier general. Earlier that year, Maggie became the first woman to run the 89th Airlift Wing, home to Air Force One; and in 2011,

PHOTO BY HOWARD KORN





“[MAGGIE] HAS  
A FIGHTER PILOT  
ATTITUDE. SHE’S  
AGGRESSIVE,  
INNOVATIVE AND  
INDEPENDENT  
THINKING, ALL  
QUALITIES OF A  
GREAT LEADER.”

Maggie broke another record, becoming the first woman to command a combat air campaign.

Maggie tends to downplay the gender-specific “firsts” she’s accumulated. Women have prospered in the Air Force by being in the right place at the right time, and by being the best person for the job, she says. “That’s what makes diversity successful, I think; when you’re able to pick the best whenever you need it, and for the right reasons.”

### Where It Started

It was the fall semester of 1978 at Embry-Riddle’s Daytona Beach Campus, when Maggie, an incoming freshman majoring in aerospace engineering, and Dan, a junior aeronautical science student, met through their involvement with the Arnold Air Society, an honorary leadership and character development organization within the Air Force Reserve Officer Training Corps (ROTC).

Retired U.S. Air Force Col. Eric Doten, one of the Woodwards’ ROTC commanders at Embry-Riddle, recalls them well. “Both Dan and Maggie were very strong academically and both were in leadership roles. You could tell they had potential,” Doten says. They also had nearly polar opposite personalities. “Maggie was outgoing and outspoken and Dan was very serious.”

Dan was so focused on his studies and flying that Maggie, one of only about six women in the ROTC program, had to pursue him. “He was aloof,” she says. “It intrigued me.” In fact, Maggie asked Dan out and was turned down three times before he finally acquiesced.

“She scared me to death,” Dan admits.

He also viewed Maggie as somewhat of an unnecessary distraction. “I was there to fly. I was carrying a full course load, enrolled in the multi-engine program with a great Embry-Riddle instructor named Don ‘Pops’ Alonso, and taking an extra aerobatic class at a local Fixed Based Operation. Who had time for a girlfriend?” Dan explains.

Eventually, Maggie’s persistence paid off, and Dan even took her for a flight. “He was my first flight instructor,” she says. The object of her affection, Dan became a driving force for her military ambitions, as well.

“When you talk about who is your inspiration, who is your role model, for my entire career he’s been it. Whether it was learning how to fly or how to be an officer, in everything I’ve tried to pattern myself after him. There’s nobody I want to be more like,” Maggie says.

### Fighter Pilot Dream

Among the 5 percent of today’s Air Force pilots who are women, Maggie says she wanted to fly for as



long as she can remember. It may have been her grandfather, a barnstormer who trained on a Jenny biplane and flew a SPAD fighter in World War I, who sparked her interest in aviation; or the numerous commercial flights she experienced as a child living overseas with her mother and her late father, who worked for the U.S. Agency for International Development in Pakistan and India. Either way, her goal was to become a fighter pilot. Unfortunately, when Maggie entered the Air Force in 1982, women were not allowed to fly combat aircraft (the Department of Defense lifted this restriction in 1993). Barred from flying fighter jets, she picked the next best thing, the T-38.

“I remember when I graduated from pilot training, my grandfather called me up. I thought, ‘Wow, I’ve really arrived now.’ It was the first time in my life he ever called,” Maggie says. “I told him I was going to be an instructor pilot for the T-38, a supersonic jet. He said, ‘Just remember, until you fly a tail dragger, you ain’t s---. Those jets are easy to fly.’ That was gramps; he was a tough old coot.”

### Life Changer

Dan beat Maggie to the cockpit. “I soloed before I had a driver’s license,” he says. A defense contractor in New Hampshire, his father had friends in the aviation industry and when it came time for Dan to select a college, they immediately recommended Embry-Riddle. “Embry-Riddle changed my life,” Dan says. “I met Maggie; it gave me my commission in the Air Force and a foundation in disciplined flying. Everybody





Maggie and Dan Woodward suited up at Columbus AFB in May 2012 to fly in formation once again the T-38 aircraft they piloted together at the base more than 30 years earlier. Previous page: The couple outside the Pentagon in Washington, D.C.

States' Panama invasion: Operation Just Cause. "It was my first taste of real combat operations," she says.

The experience would foreshadow her future missions. Ten years later, as commander of the 97th Air Refueling Squadron at Fairchild AFB, Maggie directed the largest tanker squadron deployed since Vietnam in support of Operation Allied Force, a NATO air campaign targeting violence against civilians and rebels in Kosovo by the then-Yugoslavian government.

### Odyssey Dawn

Just Cause and Allied Force helped prepare Maggie for what would be the challenge of her career: Operation Odyssey Dawn, the 2011 air campaign over Libya (See sidebar on page 18).

Maggie's leadership of Odyssey Dawn was unprecedented. As Joint

Force Air Component Commander for U.S. Africa Command (AFRICOM), she became the first woman to direct an air combat operation. The command also shattered a glass ceiling known more among airmen than the general public. Historically, air combat commanders have been former fighter pilots. Maggie is believed to be the first mobility pilot to lead an air combat campaign.

Doten says mastery of a particular aircraft alone doesn't make a strong commanding officer; rather it's the characteristics of fighter pilots that make them

there was all about aviation. It made it clear to me that the passion around me was the passion I wanted."

Dan graduated in 1980 and received his commission as a 2nd lieutenant. Maggie went home to Phoenix to complete her bachelor's degree at Arizona State University, and Dan reported for pilot training at Columbus AFB in Mississippi. In the mid-1990s, Maggie would return to Embry-Riddle's Worldwide Campus to complete a master's degree.

The couple married in 1981; and a year later, Dan had the privilege of commissioning Maggie as a 2nd lieutenant. Their plan from then on out was to seek assignments that allowed them to grow individually and together. The career honeymoon lasted roughly 18 years.

During their first assignments as instructor pilots, the Woodwards often flew in formation while teaching their students the intricacies of maneuvering the T-38. Their then commander didn't see a problem with a husband and wife team on the same squadron. "We flew cross country together," Dan says. "We flew two-ship and four-ship. It was a great experience."

From 1986–1990, they served nuclear alert together at Plattsburgh AFB in New York. Dan flew the FB-111A jet bomber and Maggie, the KC-135 tanker. Dan says he selected to fly bombers because they were typically stationed with tankers, an airplane that Maggie, as a woman, was allowed to fly.

"Dan made many more career trade-offs than I had to, so we could be together," Maggie says.

While at Plattsburgh, Maggie was called to assist with special operations and refueling of the United



**WATCH** Maj. Gen. Margaret and retired Brig. Gen. Daniel Woodward share personal insights about their Air Force careers at Embry-Riddle's Daytona Beach Campus in April, at [www.eraualumni.org/eaglesincommand](http://www.eraualumni.org/eaglesincommand).

desirable leaders—and Maggie fits the mold to a T. “She has a fighter pilot attitude,” he says. “She’s aggressive, innovative and independent thinking, all qualities of a great leader.”

### **Billion-Dollar Deal-Maker**

Dan made his mark in the Air Force in mission support, air education, and training and international relations. He commanded the 78th Support Group at Warner Robins AFB in Georgia and the 47th Flying Training Wing at Laughlin AFB, before joining the brass at the Pentagon in Washington, D.C. At the Pentagon he served on the Joint Staff and as director of Air Force Regional Affairs in International Affairs, his last and his most enjoyable Pentagon assignment.

“This assignment was great because I had the opportunity to travel the world and work with international Air Force partners, helping to build their air forces with training and aircraft like our own,” Dan says.

One deal Dan facilitated over a 15-month period involved the sale of 24 F-16s and training support to the Moroccan Air Force at a cost of \$2.1 billion.

“At AFRICOM, I benefited from that relationship,” Maggie says. “Now the Moroccans are very aligned with us. When I go to Morocco, their hero is Dan.”

### **Honeymoon Over**

When Dan was promoted to colonel in 2000, the couple’s career paths diverged. “There were seven years where we had only two five-month periods that we were together,” Maggie says. “The Air Force does a pretty good job of trying to keep you together, but you can’t command together.”

On 9/11, when hijacked airliners crashed into the World Trade Center towers and the Pentagon and in rural Pennsylvania, Dan was at Warner Robins AFB; Maggie was inside the Pentagon. Because of jammed telephone services, it was hours later before Dan learned that Maggie was unharmed.

“I was sitting in a room working through battle plans with my team, when a woman rushed through the door holding a piece of paper. She looked around the room until she saw me and then began walking hurriedly toward me. I knew that whatever was on that paper was important. The note said: ‘Your wife is OK.’ I still have that note.”

Maggie’s office was on the opposite side of the Pentagon from the crash site. “It reminded me of a small earthquake,” she says, describing the tremors that reverberated throughout the building. “I remember walking outside into this brilliantly blue sky day and seeing this plume of smoke rising from the building. I still get an eerie feeling on beautiful days like that.”

Tired of being apart from each other, Dan retired from the military in 2009 to become vice president of integrated solutions for his longtime friend Ken Hess, now vice president and general manager of Air Force Joint Solutions for General Dynamics Information Technology. In 2010, he transitioned to a part-time position with General Dynamics and began teaching for Embry-Riddle’s Worldwide Campus.

This summer Dan embarked on a new challenge. He is now executive director of the organization that brought him and Maggie together 35 years ago: the Arnold Air Society/Silver Wings. The organization boasts 142 cadet-operated squadrons at universities

# BEATING DAWN

## Leading the race to save Libyan lives

It was February 2011. The Arab Spring was in full bloom. Civilian protests against tyrannical autocracies were spreading across the Middle East and North Africa to Libya. Libyan dictator Col. Muammar Gaddafi was advancing on the rebel-held city of Benghazi—and some force had to stop him before he turned the city into an urban killing field.

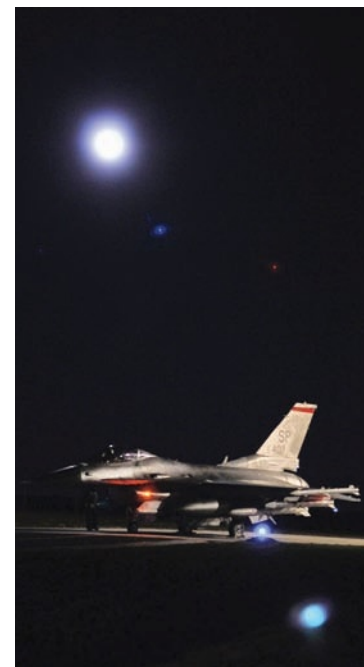
Unlike his counterparts in Tunisia, Egypt and Yemen, which

had bowed to protesters in less than a month’s time, Gaddafi dug in. Vowing “no mercy” for rebels, on March 17 he deployed his 32nd Brigade toward Benghazi. Hours later, the U.N. Security Council approved Resolution 1973 authorizing a no-fly zone over Libya and mandating member states to take all necessary measures to protect Libyan civilians.

Maj. Gen. Maggie Woodward (’97, WW) knew every second

would count as she began to mobilize coalition forces to stop Gaddafi. As the Joint Force Air Component Commander (JFACC) for U.S. Africa Command, Woodward was principally responsible for leading Operation Odyssey Dawn, the air campaign that would enforce the no-fly zone and protect civilians from Gaddafi’s forces.

“We had 16 to 18 hours between the time the Security Council resolution passed and the time we had to launch aircraft. That’s a very tight time frame,” Woodward recalls. Gaddafi was threatening to burn Benghazi and kill all military-age men. “Once they got into the town, we knew our equation was going to be next to impossible. We were scrambling to try and stop







## CELEBRATING VETERANS

In April, Maj. Gen. Maggie and retired Brig. Gen. Dan Woodward served as guest speakers at Embry-Riddle's 5th annual Veterans Appreciation Day event. At the ceremony held on the West Lawn, the couple delivered a touching tribute highlighting the sacrifices of America's service members. About 400 area veterans and members of the university community attended. The occasion marked the couple's first visit to the Daytona Beach Campus in more than 33 years.

across the country. "It's going to keep us connected with the best part of the Air Force, the young part," Dan says.

For now, Maggie is still actively serving in the Air Force. Her latest role is Air Force chief of safety and commander of the Air Force Safety Center at Kirtland AFB in New Mexico. In this position she provides oversight for ground, flight and nuclear weapons surety, establishes safety policy, and investigates mishaps across the Air Force.

### Flying Tandem

The Woodwards' military accomplishments are inextricably intertwined with their love story, says Hess, who kept in touch with both Maggie and Dan over the years. Even when apart, the devotion each had for the other was palpable, he says. "At the end of the day, Maggie was always more attuned to how Dan was doing; she was much more interested in his career than hers. And Dan was the same. He has been her best supporter and she has for him the whole time I've known them." 🌿

them before they got there."

According to Woodward, that was easier said than done. "The fact that Libya had not been viewed as a potential adversary by most defense and intelligence agencies for years made operational data and intelligence one of our earliest and most critical limiting factors," she says.

Additionally, assets that could provide valuable intelligence-surveillance-reconnaissance information were not in place until well after the operation began. The mission challenges were compounded by the distance the strike force had to

travel and the fact that there could be no communication with Libyans on the ground, to avoid any misperception that America was favoring one side politically over the other.

"You're taught how to be a JFACC and how to plan for an air campaign, but every single one of them isn't like you're taught. And this was very different," she says. "But we've got some amazing people in the Air Force who were able to take what we had and make it work. I was really phenomenally proud of what they were able to achieve." Ultimately, Operation Odyssey Dawn was credited with saving tens of thousands of Libyan civilians.

Thirteen days, 2,100 sorties and 200 missile strikes later, Woodward passed the command

to Lt. Gen. Ralph Jodice II, who on behalf of NATO would lead the joint mission: Unified Protector. On Aug. 23, 2011, Gaddafi's 42-year-old dictatorship was officially overthrown. The dictator was killed just two months later after being captured by rebel fighters.

In April 2012, Woodward returned to Libya at the request of the country's new government. "I got hugged by every leader in the Libyan military. They said, 'You are our sister,'" she says. "I went down this gauntlet of people holding bouquets of flowers and thanking me. To see these people and to hear their appreciation was so rewarding. You always wonder, was it worth it? They said it definitely was worth it, because Gaddafi was so terrible."

A U.S. Air Force F-16 Fighting Falcon fighter aircraft prepares for takeoff from Spangdahlem Air Base, Germany, in support of Operation Odyssey Dawn.

PHOTO BY NICOLE HESTER

PHOTO BY U.S. AIR FORCE

# On 'Sky' Patrol

A team of Embry-Riddle alumni operates a unique wildlife control program to minimize bird strikes at Florida's fifth busiest airport

75 degrees and sunny and you get to spend your day working a dog and chasing birds, instead of making spreadsheets and having meetings," Croop says. "Of course, in the summer it's not quite as enjoyable."

Sky is a particularly effective deterrent for large wading birds, such as herons and egrets, which feed in nearby canals used for storm water runoff.

"When they see her it triggers a flight response," Croop says. "Unlike some of the other techniques we use, the dog is an ever-present threat. They never get used to her. They wind up flying for a while, getting tired and trying to find another canal or another place to eat or hunt."

## A Wide-Ranging Program

It may sound more like recreation than work, but Sky and her handlers are an integral part of the airport's Wildlife Management Program, which includes pyrotechnics, decoys, anti-roosting spikes and the remediation of surrounding wildlife habitation, among others. A specially formed Hazardous Wildlife Working Group meets regularly to monitor the success of these programs and to strategize future improvements.

The airport is in a highly sensitive natural wetland area, so operations staff work closely with those managing RSW's environmental compliance commitments, says Peter Modys ('79, DB), deputy executive director for the aviation division at the Lee County Port Authority, the operating entity for RSW. "There's not much further south of us except the Everglades," he says. "We have deer, wild hogs and birds on the airport. Of course, it's the birds that fly and create the greatest concern for us."

Recognizing the need for an additional tool to fight the burgeoning bird population, in 1999 RSW became

**W**hen James Hess ('03, DB) and Ethan Croop ('06, DB) were earning their Embry-Riddle degrees, they never imagined dog handling would be part of their future job descriptions. But a few years after joining the Southwest Florida International Airport (RSW) team in Fort Myers, Fla., they found themselves fighting off the local wildlife with the help of a border collie named Sky.

An aviation business administration graduate who started at RSW as an operations agent in 2004, Hess began working with Sky in 2008, when she was just 11 months old. When he was promoted to airside supervisor last year and began overseeing the handlers, Croop, a professional aeronautics graduate, joined the Sky management team.

Sky works an eight-hour day, seven days a week and is supervised by a crew of three handlers, who are responsible for her round-the-clock on a rotating basis. Together, the handler and dog patrol the airport's 800 fenced acres persuading birds to feed and roost away from the busy runways and adjacent ponds and fields. At the end of her day, Sky returns home with the handler on duty.

"It really is an interesting thing to do for a living, especially during the winter months, when it's

FYI

## RECKLESS BIRDS

**Wildlife strikes cause an estimated 600,000 hours of aircraft downtime and \$625 million in damage annually. For the past two decades, reported wildlife aircraft strikes have quadrupled from 1,770 in 1990 to 9,463 in 2012.**

*Source: U.S. Department of Transportation Office of the Inspector General*

## Award-Winning Canines

**Sky and her two predecessors have earned RSW a number of bragging rights.**

- Airports Council International (ACI) Environmental Achievement Award - Wildlife Management Program (2000)
- Florida Animal Hall of Fame (2002)
- Canine Good Citizenship Certification from the American Kennel Club (2004)
- Master K-9 Wildlife Management Certification from Wildlife Unity (2004)
- ACI Environmental Award - Mitigation (2010)
- Southeast Chapter of the American Association of Airport Executives Commercial Airport Project of the Year Award (2011)





## All in the Embry-Riddle Family

With 10 Eagles among its employee base, Embry-Riddle is well-represented at Southwest Florida International Airport (RSW). The phenomenon is due in part to Peter Modys ('79, DB), deputy executive director of aviation, who jokingly says he tries to "only hire Embry-Riddle graduates." In addition to Modys, the RSW Eagle team includes:

- Ethan Croop ('06, DB)
- Aaron Deerey ('04, DB)
- Gil Forgays III ('90, WW)
- James Hess ('03, DB)
- Richard Keane ('85, DB)
- Alex Lakes ('12, DB)\*
- Tom Nichols ('01, WW)
- Angela Reinert ('11, '12, WW)
- Julio Rodriguez ('88, DB)

\*Works at Page Field (the general aviation airport at Fort Myers), which is operated by the Lee County Port Authority.

the first commercial airport in the United States to incorporate a canine in its wildlife mitigation program.

The idea came from a Bird Strike Committee Meeting, an annual forum for aviation and wildlife management professionals working in the United States and Canada. Tom Nichols ('01, WW), director of airport operations at RSW, says a speaker at the forum in the mid-1990s discussed a successful canine wildlife program at a military airport. "It took some convincing of the powers that be, but we got our first dog, Jet, in 1999," Nichols says. Radar, a female border collie was the second, and Sky is the third bird dog at RSW.

The program had immediate results. Bird strikes from 1999 to 2012 are on average 24 percent fewer than the number of strikes that occurred in the seven years prior to implementing the canine program, Hess says.

### International Fame

The publicity the wildlife management program has received has nearly exceeded its operational success. The airport's dogs have been highlighted in media outlets such as *People* magazine, *USA Today*,

Ethan Croop, left, James Hess and a border collie named Sky are members of the award-winning Wildlife Management Program at Southwest Florida International Airport.

*National Geographic*, *Discovery Channel*, *Animal Planet* and *CNN*, to name a few. "The dog has even appeared on television and in publications in Japan and Germany," Nichols says with a laugh. The program

has earned a number of industry awards as well.

Despite the accolades and relatively low cost (roughly \$6,500 to purchase and train the dog; and \$40,000 annually for food, pro-rated salary for the handlers and veterinarian fees), Nichols says few airports have added dogs to their wildlife management programs. Because of that, RSW has earned a reputation among pilots and the industry of being "the airport with the dog."

According to Modys, RSW's unique environmental challenges enhance the program's value and return on investment. It's also good for morale. "The dog has quite a personality," he says. Croop adds, "She's everybody's favorite employee." 🐾

# Staying Cool

Daytona Beach Racing  
District grant improves  
Embry-Riddle athletics facilities

BY MELANIE STAWICKI AZAM

Embry-Riddle  
serves more  
than 8,350  
people locally  
each year  
with access  
to athletics  
facilities and  
programs.

Florida summers can be intense, and Steve Ridder has seen plenty of fans sweat it out at Embry-Riddle Aeronautical University's athletic facilities while watching their favorite team play.

"There are many groups that use our tennis courts and multipurpose facilities," says the athletic director and coach at Embry-Riddle's Daytona Beach Campus.

"They have a following that watch them and they burn up in the stands during the summer."

But thanks to a \$200,000 grant from the Daytona Beach Racing and Recreational Facilities District, some cool relief is on the way.



PHOTO BY ALISON SMALLING



## August Completion

This summer, Embry-Riddle added new shade and seating structures, and enhanced existing bleachers at the Ambassador E. William Crotty Tennis Complex and the new Synthetic Turf Multipurpose Field. The grant, plus an additional \$103,800 from the university, funded the total cost of the improvements. Construction was expected to be complete in August, Ridder says.

The work benefits Embry-Riddle fans and summer campers, as well as more than 8,350 people locally each year who access the university's athletics facilities and programs, including high school students, nonprofit organizations, and at-risk and special-needs children and other underserved populations.

"Embry-Riddle does so much outreach in the community and touches so many lives," says Blaine Lansberry, who chairs the Daytona Beach Racing District's board. Established in 1955 by the state to build the Daytona International Speedway, the district's governing body is allowed to use the net funds generated through lease payments and two annual car shows held on the Speedway property for community projects related to racing and recreational facilities.

It's the benefit to the greater community that the athletic facilities' improvements will have that persuaded the district's board to award the grant to Embry-Riddle, Lansberry says.

"It's pretty impressive when you look at Embry-Riddle's application and see how many lives they touch," she adds.

## Tremendous Difference

Besides providing a more comfortable environment and protecting athletes and spectators from overexposure to the sun, the new shade and seating structures will also add capacity for recreational activities.

That will be helpful, because the improvements are expected to make Embry-Riddle even more attractive for community sporting events, with the number of people wanting to use the facilities expected to grow.

"It's going to provide a tremendously different spectator experience, just an overall much more positive experience," Ridder says. 🌿

Dave Paschal, head tennis coach for the Daytona Beach Campus, stands with a group of aspiring tennis champs at Embry-Riddle's 2013 Summer Tennis Camp.



David Morse accepts a ceremonial scholarship check from ACSS officials at the spring luncheon.

# A Winning Partnership

## ACSS supports students with scholarships, internships

BY MELANIE STAWICKI AZAM

Looking to increase its visibility, Aviation Communication & Surveillance Systems (ACSS) awarded its first scholarship to an engineering student at Embry-Riddle Aeronautical University's Prescott Campus in 2007.

More than five years later, the partnership between Embry-Riddle's Prescott Campus and the Phoenix-based avionics company is going strong.

"ACSS started the scholarship as a way to promote our avionics business and support aviation within Arizona, where ACSS is based," says Steve Henden, who is senior manager of communications for ACSS. "It has evolved into a great pipeline for talented aerospace engineers coming to ACSS to work in our organization."

Chuck Cone, professor and chair of the computer, electrical and software engineering department at the Prescott Campus, says ACSS first met with university officials in 2006 to discuss what the company could do to make itself more known among Embry-Riddle students as a potential employer.

"They actively recruit on campus and the scholarship has made a significant difference in their visibility to the students," Cone says.

There are approximately 30 Embry-Riddle alumni engineers now working for ACSS.

The ACSS Scholarship in Avionics is an annual \$5,000 award supporting qualified Embry-Riddle Prescott students majoring in electrical or computer engineering with an interest in avionics. Each spring the scholarship is awarded at a luncheon to one student, who is offered an opportunity to intern at ACSS that summer as well. This past February, David Morse, a junior electrical engineering major at the Prescott Campus, was awarded the scholarship.

"We have a very good relationship with ACSS and they are a very good company to work for," Cone says. "I think our curriculum prepares students very well to go on to companies like ACSS and to be productive from day one." 🌿



# Coming Full Circle

Arlando Teller ('95, PC) brings aviation expertise home to the Navajo Nation

BY MELANIE STAWICKI AZAM

**A**rlando Teller ('95, PC) still vividly recalls the first time he flew on an airplane and became fascinated with aviation.

He was just 5 years old and was leaving his home on the Navajo Indian reservation to board a Trans World Airlines plane to visit his mother's friend in Chicago.

"I remember visiting the pilot in the cockpit three times and getting the pilot wings. As a kid, that stuck," he says. "That's when I became sold on airports and airplanes."

Years later when Teller met a counselor from Embry-Riddle Aeronautical University's Prescott Campus at a high school career fair, it all came together.

"I wanted to do something different," he says. "I made my decision and decided to go to Embry-Riddle."

That choice made Teller one of the first Native Americans to graduate from Embry-Riddle. He earned a bachelor's degree in aviation business administration with an emphasis in aviation management in 1995.

## Making a Difference

After graduating, Teller worked in aviation and airport management and transportation planning at airports in Mesa and Phoenix, Ariz. Later, he served as a Native American liaison and transportation planner for the California Department of Transportation in the San Francisco area.





Arlando Teller is at home at Canyon De Chelly, Ariz., but he's not idle. His efforts recently resulted in state legislation that will allow Arizona's tribal airports to compete for state grant funds.

the value of education, and Teller and his sister excelled in both school and sports.

Teller also grew up close to his grandparents. His grandfather, Edward Tah, was a Navajo Code Talker, a U.S. soldier who transmitted secret communications on the battlefields of World War II. When Tah's health declined and Teller helped care for him, his grandfather would tell him war stories.

"We are very proud of the sacrifice he and the other Navajo Code Talkers made," Teller says.

Teller's family owns land in Canyon De Chelly, a national monument in Arizona, where his dad raised horses. His mother later got involved in the horse racing industry and sold some of her horses to help finance Teller's education at Embry-Riddle.

"That's how important making sure I was in school was to her," he says.

Teller says his mother and grandmother, combined with strong Navajo traditional philosophies, have served as the backbone for his work for Native Americans.

"What I can bring to the Navajo people is the result of these two ladies and their influence in my life," he says.

### Bringing About Change

Teller also advocated for Native Americans at Embry-Riddle. When he was a student, he noticed a lack of other Native American students and it bothered him. He met with the chancellor and volunteered to help recruit more Native American students.

"I was always taught from my grandparents that if you see something you don't like or don't agree with something, make the change yourself," Teller says. "It was just a way for me to encourage education and encourage a different field for Navajo kids to consider."

Teller worked with Bill Thompson ('87, PC), then director of admissions at the Prescott Campus, visiting the tribal schools, discussing career opportunities in aviation and transportation with the youth, and promoting Embry-Riddle to help them advance in such careers. Thompson, who is now Embry-Riddle's executive director for alumni relations, became a lifelong mentor and friend to Teller.

"He always brings a positive vibe with him and that is something I needed then," Teller says. "I really didn't have a father figure as well, so he offered that surrogate support."

### Coming Home

After 22 years living away from the Navajo Nation, Teller was ready to return.

He recalls a visit he had with his grandmother before she died in 2008. At the time, he was working in California and she encouraged him to bring home the experiences and education he had acquired.

"Now that I'm back, I'm happy every morning," he says. "There is that sense of community and a need to help your people." 🌿

**"I was always taught from my grandparents that if you see something you don't like or don't agree with something, make the change yourself."**

But in 2009, he decided to return to the Navajo Nation. As program manager for the Navajo Division of Transportation – Airports Management, Teller has been advocating for maintenance of the Navajo Nation's seven airports and the improvement of infrastructure.

"Airports are sleeping giants with economic and emergency response opportunities," Teller says. "They are vital to the community and to bring that level of service to our people is important."

One of his biggest accomplishments has been to advocate for Arizona state legislation that allows the state's 14 tribally owned airports, including four owned by the Navajo, to be eligible for grants from the Arizona Aviation Fund. Senate Bill 1317, signed into law by the governor in June, is the realization of this effort.

### Growing Up in the Navajo Nation

Teller's roots in the Navajo culture run deep. He was raised on the Navajo Nation, which is about the size of West Virginia and extends into Utah, Arizona and New Mexico.

He grew up in a traditional Navajo home and spoke the Navajo language. His father died when he was 5, so he was mainly raised by his mother. She stressed

# ALUMNI NEWS

## MESSAGE FROM THE ALUMNI ASSOCIATION

In the early days of Embry-Riddle's School of Aviation, all flight instructors and students were required to learn how to parachute from an aircraft. This past May, the Alumni Relations staff and I had the honor of shaking the hands of more than 1,000 new graduates who walked across stages in Daytona Beach, Fla., and Prescott, Ariz., and jumped into their careers.

Thinking back to your own Embry-Riddle commencement, I am sure you can recall the similar scenario. We received the briefing, signed the stack of liability papers, and trained on the motions of exiting the aircraft. With the checklists in our head, we processed, planned and jumped.

What helped us achieve success?

I personally feel it is the passion that all Embry-Riddle graduates hold in their hearts. Their drive to achieve their dreams and to make the world a better place; and to be a change agent in an industry that saves lives, brings families together, delivers necessities, protects our freedom and seeks ways to ensure a brighter future.

As all of us welcome the new class of jumpers to the ERAU Alumni family, we remind them that they are not alone—they are now "one of us," they are "Forever an Eagle."

As you read this latest issue of *Lift*, take a moment to remember when you jumped. Think about the great instructors and mentors who helped pave the way for your future. I also encourage you to embrace the message that we delivered to new graduates who recently joined our ranks:

**Engage** with your fellow alumni; share your career and personal highlights and mentor young Embry-Riddle Eagles.

**Represent** your alma mater proudly; wear your alumni pin and display your hard-earned diplomas in your office or home.

**Act** now to participate with your local ERAU Alumni Network; visit the ERAU Alumni website [www.eraualumni.org](http://www.eraualumni.org) frequently for news and information about upcoming events; and return to campus for the annual Alumni Weekend/Homecoming in Daytona Beach, Fla., and OctoberWest/Alumni Weekend in Prescott, Ariz.

**Unite**—All of "U" are unified by an amazing common bond: You share the Embry-Riddle passion. U are all "Forever an Eagle."

**Please contact me  
with your suggestions  
at [william.thompson@erau.edu](mailto:william.thompson@erau.edu)**

Over the next several months, you may notice a renewed emphasis on our growing Embry-Riddle Alumni Network—and how you can be a part of it. What

we formerly referred to as Alumni Chapters and Groups will be called ERAU Alumni Networks. This new term more accurately describes how our local and regional chapters have always functioned—as the building blocks of Embry-Riddle's global network of graduates, which now encompasses more than 100,000 alumni.

Our network gatherings are held in major cities across the United States and in conjunction with popular air shows and aviation/engineering conventions. Visit [www.eraualumni.org](http://www.eraualumni.org) for event information and to sign up for email alerts by "joining" the online ERAU Alumni Network.

In closing, remember to review your checklists, tighten the straps and jump—and don't forget, Eagles have wings!

### Forever an Eagle!

Bill Thompson ('87, PC)  
*Executive Director*



[www.facebook.com/ERAUAlumni](http://www.facebook.com/ERAUAlumni)



[www.twitter.com/ERAU\\_Alumni](http://www.twitter.com/ERAU_Alumni)



Search Embry-Riddle Aeronautical  
University Official Alumni Group



"Join the Nest":  
[www.eraualumni.org](http://www.eraualumni.org)



**1.** Jackie Luedtke, professor and director of the Robertson Safety Institute, presents Paul Hurst ('13, PC) with the "Outstanding Graduate" award for the Prescott Campus Master of Science in Safety Science program.

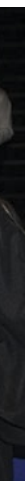
**2.** Graduates from Embry-Riddle's Worldwide campuses at Columbus Air Force Base and Memphis, Tenn., celebrate their achievements on June 15 at the Mansion Theater of the Pink Palace Museum in Memphis.

**3.** Proud father Carlos Leon ('03, WW) presents the Embry-Riddle Alumni pin to his daughter, Tabatha Leon ('13, DB), during the May 7 graduation ceremony at the Ocean Center in Daytona Beach, Fla.

**4.** Thirteen Prescott Campus graduates take their oaths of office and are sworn in as second lieutenants in the U.S. Army.

**5.** Cheng-Yu Tien ('13, PC), an aeronautical science graduate and a member of the Golden Eagles Flight Team (GEFT), delivers the invocation at the Prescott Campus commencement May 4.





## Welcome Class of 2013!

Graduates celebrate at ceremonies across the country

Embry-Riddle's Daytona Beach, Prescott and Worldwide campuses welcomed a total of 1,487 new graduates at commencement ceremonies held in May. Additionally, 80 new second lieutenants were commissioned into service for the U.S. Air Force (42), Army (33) and Marine Corps (5); and nine ensigns were commissioned into the U.S. Navy.

Commencement speakers included Robert Cabana, director of the Kennedy Space Center in Florida, at the Daytona Beach commencement; U.S. Air Force Maj. Gen. Thomas Trask ('84, PC) at the joint Prescott Campus and Worldwide commencement; and veteran astronaut Story Musgrave at the Worldwide Campus commencement held at the Daytona Beach Campus.

During the Daytona Beach Campus commencement, Embry-Riddle President and CEO John P. Johnson awarded

longtime Embry-Riddle Trustee Mori Hosseini ('78, '79, '82, DB) with an honorary Doctor of Humane Letters degree for his ongoing contributions to the university.

"One of the most rewarding opportunities for any university president is to bestow an honorary doctoral degree upon an individual who, through his many singular achievements and good works, has left an indelible mark on this great institution," Johnson said while making the presentation. Hosseini was recently elected chairman of the Board of Trustees, effective January 2014. He will be the first Embry-Riddle alumnus to serve in this role.

Graduation ceremonies continued throughout May and June at Worldwide Campus locations across the map, from as far east as the European Region commencement, held near Heidelberg, Germany, to the westernmost celebration held in Honolulu, Hawaii.

## Reunited

Aviation maintenance technology class of 1975 flocks south for gathering

Nine Embry-Riddle Eagles recently flocked to the Deep South for a home-spun reunion. Hosted by **Steve Sabree** ('75, '77, DB) and his wife, Anna, the group of 1975 Aviation Maintenance Technology graduates reminisced over their Embry-Riddle Daze, an aptly named DVD of photos of their time at the Daytona Beach Campus. The Sabrees' Mississippi Gulf Coast home provided the venue, as the alumni recalled their postgraduate journeys.



- After earning his airframe and powerplant (A&P) certification, **Sabree** completed a bachelor's degree in aviation management at Embry-Riddle. Hired by Petroleum Helicopters Inc. (PHI) as a helicopter pilot/mechanic, he later joined Chevron's USA Aviation Department. For the next 30 years, Sabree held various jobs at Chevron, including chief pilot and manager of aircraft operations. He retired in 2008 as general manager for Chevron Corporation Flight Operations, based at Oakland Airport in California.

- **Patrick Paschal** ('75, DB) went to work for PHI's engine shop. In 1979, he took a job in North Carolina for Wrangler Aviation. Two years later, he joined Piedmont Airlines (now owned by US Airways) as a heavy maintenance mechanic, later moving to the inspection department. He retired in 1998 and resides in Butte La Rose, La.

- **Lee Krouse** ('75, DB) was an A&P mechanic for 13 years at PHI. In 1988, he took a mechanic position at Chevron Aircraft Operations at Lakefront

CONTINUED ON PAGE 28

CONTINUED FROM PAGE 27

Airport in New Orleans, La. He was eventually promoted to aircraft inspector and remains in that position at Chevron Aircraft Operations in Picayune, Miss. He and his wife, Rhona, reside in Slidell, La.

- Navy veteran **Dale Thibodeau** ('75, '78, DB) continued his education at Embry-Riddle, earning a bachelor's degree in aviation maintenance management while working as an electrical theory instructor for the university. He became a field engineer at Avco Lycoming Gas Turbine Division in Connecticut, and then a field engineer at Ingersoll Rand. He retired 28 years later as an engineering manager, but continued to work as a consultant at Rotating Machinery Services for two more years. Dale and his wife, Patty, now reside in upstate New York.

- **Jim Norman** ('75, '89, DB) became a professor for Embry-Riddle's Aviation Maintenance Technology department and continued his education, earning a bachelor's degree in aviation technology. Norman is currently an assistant professor of Aviation Maintenance Science at Embry-Riddle's Daytona Beach Campus.

- **Terry Adriansen** ('75, DB) became an A&P mechanic for PHI. In 1980, he began working for Commercial Helicopters. Shortly thereafter, he accepted a lead mechanic position at ERA Helicopters. He has worked for ERA for 27 years. He resides in Destin, Fla., with his wife, Bonnie.

- **Bill Morse** ('73, '75, DB) completed the A&P program after earning a bachelor's degree in aeronautical engineering. He went to work as a mechanic for Nova Flite Center in Daytona Beach, but then returned to Embry-Riddle to teach for three years. He left the university to launch a scuba diving business and later worked as a stock broker and as a travel agent. He and his wife, Carol, reside in the Daytona Beach area.

- **William "Mice" Misenheimer** ('75, DB) started at PHI as a line mechanic and an offshore pilot/mechanic. Three years later, he became a pilot for Chevron. He retired after 23 years of service to Chevron. He and his wife, Frances, live on a cattle farm in Mississippi.

- **Kenneth Hipp** ('75, DB) was a field mechanic at PHI for 12 years before joining Chevron at Lakefront Airport in New Orleans, La. He retired 24 years later and now resides in Pensacola, Fla.

SUBMITTED BY ANNA SABREE



Tommy Redmon with the PA-18A Super Cub he restored that won the Best of Show award in 1994.

## Lifetime Achievement

Tommy Redmon ('61, MC) basks in the glow of a rewarding career

BY KELLY CUCULIANSKY PRATT

During the half century that Claude "Tommy" Redmon ('61, MC) spent in aviation, he worked his way up from a junior mechanic to the program manager overseeing the delivery of more than 150 new jets for three airlines. Rewarding moments abounded, but chief among them was the day he received two top honors from the Federal Aviation Administration.

On March 6, 2013, Redmon, 72, was presented with The Charles Taylor Master Mechanic Award, named in honor of the first aviation mechanic in powered flight. A commercial-rated pilot, he also received

The Wright Brothers Master Pilot Award in recognition of his professionalism, skill, aviation expertise and safe operations. Both FAA honors acknowledge aviation professionals with 50 or more years of experience.

Still feeling elated months later, Redmon says he is proud to be rewarded for doing what he loves. "I always enjoyed working on airplanes and just listening to the engines run," says the resident of Germanton, N.C. "It's something I never grew tired of doing. Every day was exciting at work, even if the work was difficult."

### A Passion for Aviation

Redmon says a strong work ethic was central to his success. Fifty-four years ago when he was a teenager growing up in his hometown of Walnut Cove, N.C., he toiled in the tobacco fields during the summers to save money for flight lessons. On Saturdays, he attended hourlong flight lessons at a local crop-dusting strip for seven months, and by 1959 he had completed his first solo flight in a Piper J-3 Cub. Aware of his passion, Redmon's high school chemistry teacher gave him a brochure for the Embry-Riddle School of Aviation. It wasn't long before Redmon found himself at Embry-Riddle's Miami Campus in Florida, where he made ends meet by taking a job at a local funeral home.

## Women in Aviation International sets Nashville stage for alumni gathering

Embry-Riddle alumni of both genders traveled to Nashville, Tenn., March 14–16 for the annual Women in Aviation International (WAI) Conference and a special reception for Embry-Riddle alumni and friends.

More than 100 people attended the reception March 15 at the Gaylord Opryland Resort and Convention Center. Ariel Talen-Keller ('11, WV), Mrs. Alaska United America and founder of the Aero Femme Non-Profit Organization & Scholarship Fund, and Embry-Riddle Prescott Campus Chancellor Frank Ayers served as guest speakers.

Among those attending the conference was Sherlyn Halloran ('86, PC). Halloran says she was privileged to have been present

for the first Women in Aviation International Conference held in Arizona in 1990.

"It's rejuvenating to come to a conference like this; to know that as a woman,



Sherlyn Halloran and Bill Thompson, executive director of Alumni Relations



Redmon secured his private pilot certificate in 1960, and within a year of graduating from Embry-Riddle and receiving his Airframe and Powerplant certification, he was hired as a junior mechanic in the business aircraft department at Piedmont Airlines in Winston-Salem, N.C. After 37 years at Piedmont, which later merged with and became US Airways, Redmon retired in 1998 as the program manager for the purchase of jets manufactured by The Boeing Company.

## Taking Work Home

Redmon continued in the maintenance industry long after retiring from US Airways. He went on to work for nine years for Continental Airlines, now known as United, and in 2007, he formed his own company: Redmon Aircraft Support. Securing a Designated Airworthiness Representative certificate from the FAA, he continued to maintain aircraft. He was a contract employee for Continental until just three years ago, when he "officially" and finally retired.

Aircraft maintenance was also very much a part of his personal life. As a hobby, Redmon rebuilt and sold 15 airplanes over the years from a workshop behind his house. His last project, an engine overhaul and fabric restoration of a PA-18A Super Cub, was the toughest and most rewarding, he says. Originally projected to take one year to restore, the project took six years to complete, but earned him the Best of Show trophy from the Winston-Salem Airshow Committee. "That made all the hard work and long days worthwhile," he says.

you're not alone in this male-dominated industry," she says. "It's also a wonderful reminder of the passion you share with thousands of women around the world."

During the reception, Bill Thompson ('87, PC), executive director of Embry-Riddle Alumni Relations, emphasized the importance of graduates staying connected to their alma mater by attending ERAU Alumni Network events like the one hosted during the WAI Conference.

"Employment opportunities, mentorship relationships and lifelong friendships often start at our alumni gatherings," Thompson says. "I urge all alumni to take advantage of our Alumni Network events." Find an ERAU Alumni Network gathering near you: [www.eraualumni.org/events](http://www.eraualumni.org/events).

# Chance Eagle Encounter

## Soldiers enjoy surprise muster in Afghanistan

BY KELLY CUCULIANSKY PRATT

In the mountains of southeastern Afghanistan, U.S. Army Warrant Officer Jason Antanovich ('07, DB) was walking to dinner at his military post when a familiar face prompted him to do a "double take." Roughly six years after graduating from Embry-Riddle and completing the Army ROTC program together, Antanovich found himself face to face with Capt. Nick Currie ('07, DB), who was also more than 7,000 miles away from home at Forward Operating Base Salerno, just outside the city of Khost.

The surprise run-ins with fellow Eagles weren't over yet, though. A day after running into Currie, Antanovich bumped into Capt. Jeremy Walters ('06, DB) and confirmed that it was indeed Walters' familiar voice that he had heard over the radio a few days earlier. The three Apache pilots had a brief reunion at the base and commemorated their meeting by posing for a photo with an Embry-Riddle alumni flag.

"It was a very big coincidence. Many things had to happen to find us all in the same place," says Antanovich, a tactical operations officer responsible for preparing aircraft with mission information and communication. While Currie and Walters are both active-duty soldiers in the Army's 101st Airborne Division based out of Fort Campbell, Ky. Antanovich serves in the Pennsylvania Army National Guard and



From left, Capt. Nick Currie, Warrant Officer Jason Antanovich and Capt. Jeremy Walters

his unit just happened to be deployed under their airborne division this year. "When we left Riddle, we all went our separate ways in the military, so to have crossed paths again is really a great thing," Antanovich says.

## Photo Opportunity

Antanovich contacted the Embry-Riddle Alumni Association last winter to acquire an alumni flag that he could fly in the combat zone to honor the Army ROTC program at the Daytona Beach Campus. Having received two flags in January, he kept one on hand for future alumni photo opportunities and carried the other aloft in an AH-64D Apache Longbow during a combat mission in support of Operation Enduring Freedom in Afghanistan.

"We have flown flags as a tradition in military aircraft for quite some time to send back to the people that support us," Antanovich says. "It's kind of a cool gift to give to friends and family back home, to show them that in a way they were up there with us."

Antanovich recently encountered another fellow alumnus in Afghanistan. Warrant Officer Greg Gallerizzo ('08, DB) is also serving in the Pennsylvania Army National Guard, and even roomed with Antanovich during flight school. Antanovich pulled out the Embry-Riddle alumni flag he had saved for just such an occasion and had another photo taken. "I'll never miss an opportunity to represent ERAU," he says.

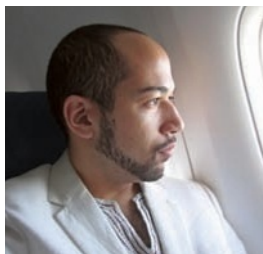
# Working Abroad

Shaped by postwar experiences and an international upbringing, **Jonathan Castillo-Reminick** ('09, DB) pursues an aerospace engineering career in Germany

BY KELLY CUCULIANSKY PRATT

A year after the Bosnian War ended, a 9-year-old American boy looked to the skies outside his new home in the war-torn country and found himself in awe of the military aircraft flying peacekeeping missions. Fascinated by the soaring helicopters and fighter jets, Jonathan Castillo-Reminick ('09, DB) would often flip through a military handbook to identify the aircraft.

"It was basically like an air show outside my door every day," recalls Castillo-Reminick, now 26. "Between watching the planes in the sky and looking at the technical data in the book, I became quite inspired. I got to the point where I could tell what type of jet or helicopter was flying overhead just by the sound of its engines or rotors."



With Castillo-Reminick's stepfather working in human rights law, the young Cleveland, Ohio, native became accustomed to living in faraway countries. While he resided in Ethiopia for two years previously, the nearly four-year stint in Bosnia left a more enduring impression in

Castillo-Reminick's mind, one that would end up shaping his career and core values.

## Back to Europe

Attending high school in the United States, Castillo-Reminick set his eyes on a Bachelor of Science in Aerospace Engineering at Embry-Riddle. He continued to visit Eastern Europe to see his parents, who had moved on to work in Belgrade, Serbia, but it wasn't

until his third year of college that living abroad again became a strong desire for him. This time, Germany called. He enrolled in an Embry-Riddle study abroad program at The Munich University of Applied Sciences. Although he struggled in his jet engines class, his professor helped him secure an internship at engine manufacturer MTU Aero Engines in Munich. Castillo-Reminick's one request when searching for an internship was that his work not support the development or maintenance of military systems.

"As I grew older, I became very reflective about my experiences in Bosnia," he says. "Living around people who had been traumatized by war, you hear a lot of really brutal stories and I decided I did not want to spend my time contributing to creating weapons systems that would cause physical and emotional destruction."

In the end, Castillo-Reminick says MTU Aero Engines met him halfway and he agreed to work in a department that involved military engines, though he thankfully did not have to work on any. During his first internship, he worked in a preproduction engineering department that created programs for the machines that make jet engine components. "I worked on the production floor, so English

# Greek Gathering

Alpha Xi Delta celebrates 20th birthday

Alpha Xi Delta sisters who are alumnae of Embry-Riddle's Daytona Beach Campus revisited their alma mater this past February to celebrate the sorority's 20th anniversary with a birthday bash/reunion.

Embry-Riddle's Theta Omicron chapter of Alpha Xi Delta was founded on Feb. 21, 1993. A total of 120 sisters and guests attended the Feb. 8-10 birthday weekend, including the chapter's first president, Jackie (Gauger) Carlon ('94, DB).

"Our reunion was wonderful, or as we like to say it, amaXIng," says event organizer Michelle (Rodio) Pizzo ('10, '12, DB). "It was a great way to reconnect with sisters and learn about the history of our chapter."

Weekend highlights included: a campus tour and dinner on the observation deck of the Emil Buehler Aviation Maintenance Science building overlooking the flight line; a luncheon buffet at the Shores Resort & Spa; and a 1920s-themed formal. At the formal, the Alpha, Beta and Gamma pledge classes announced that they were creating a \$1,000 "need-based" scholarship for deserving Alpha Xi Delta sisters, in honor of the chapter's 20th birthday.

A Mother's Initiation and Chapter/House Corporation meeting concluded the weekend's events on Sunday. The House Corporation is working to raise funds to one day



establish a sorority house on the Embry-Riddle Campus.

"Our sisterhood is stronger than ever right now," Pizzo says. "Alumnae and current students stay connected with each other all of the time. Distance may keep us apart, but our bonds of sisterhood keep us close at heart!"

Alpha Xi Delta sisters attended the sorority's 20th anniversary birthday bash in Daytona Beach in February.



was a rarity, as was textbook German, because most spoke the strong Bavarian dialect," he says.

## Work Soon Taking Flight

After graduating from Embry-Riddle in 2009, he returned to Munich for another internship with MTU, where he helped research a redesign of the rotor air seal of a Pratt and Whitney turbofan engine. The patented technology could be taking to the skies within the next few years, he says.

"Even though I wasn't a major contributor, it's incredibly rewarding to be a part of something that will one day fly," he says. "It's one of the greatest rewards an engineer can get."

The internship eventually led to a full-time job at Assystem Germany GmbH, an engineering company where Castillo-Reminick now works as a stress and aerodynamics engineer assessing "crack propagation," a field in which he evaluates engine surface defects to ensure inspection intervals sufficiently meet safety standards.

Thanks to the engineering skills he developed at Embry-Riddle, Castillo-Reminick says he has found success in Germany, regardless of the fact that he only recently began speaking the native tongue. "If you do your work well," he says, "you can even defeat language barriers."



## EVENTS ON THE RADAR

Meet with fellow Eagles and representatives of your Alumni Association at these upcoming events. Visit the alumni website at [www.eraualumni.org/events](http://www.eraualumni.org/events) for additional details, updates and a full list of networking opportunities.

### SEPT. 15

**Worldwide Campus Commencement,** Houston, Texas

### SEPT. 28

**Worldwide Campus Commencement,** Seattle, Wash.

### SEPT. 29

**Seattle Alumni Network Cruise,** Puget Sound, Seattle, Wash.

### OCT. 3

**Prescott Industry/Career Expo,** Prescott Campus, Ariz.

### OCT. 3-5

**OctoberWest & Wings Out West Air Show,** Prescott Campus, Ariz.

### OCT. 9

**Daytona Beach Industry/Career Expo,** Daytona Beach Campus, Fla.

### OCT. 9

**Worldwide Campus Commencement,** Phoenix, Ariz.

### OCT. 10-12

**Aircraft Owners and Pilots Association Aviation Summit,** Fort Worth, Texas

### OCT. 18

**Alumni Network International Eagle Day—**Community Service Event

### OCT. 22-24

**National Business Aviation Association's (NBAA) 66th Annual Meeting & Convention,** Las Vegas, Nev.

### OCT. 22

**Alumni Reception at NBAA,** Las Vegas, Nev.

### NOV. 2

**Worldwide Campus Commencement,** Fort Worth, Texas

### NOV. 8-9

**Alumni Weekend,** Daytona Beach Campus, Fla.

### NOV. 14

**Worldwide Campus Commencement,** Atlanta, Ga.

### DEC. 14

**Prescott Campus Commencement,** Prescott, Ariz.

### DEC. 16

**Daytona Beach Campus Commencement,** Daytona Beach, Fla.

## Save the Date for OctoberWest and Alumni Weekend

**OctoberWest and Wings Out West Air Show**  
Prescott, Ariz.

### THURSDAY, OCT. 3

Industry/Career Expo  
EagleNIGHT

### FRIDAY, OCT. 4

24th Annual Alumni Golf Tournament  
Eagles Volleyball Game  
Alumni Awards Dinner  
Women in Aviation International (WAI) Regional Conference\*

### SATURDAY, OCT. 5

WAI Regional Conference (continues)\*  
Fly-in and Pancake Breakfast  
Wings Out West Air Show  
Blue & Gold Bash  
Fireworks

\*WAI will kick off a yearlong 25th anniversary celebration of its first conference at WAI's birthplace: Embry-Riddle's Prescott Campus. Separate fees and registration apply for WAI events: [www.wai.org](http://www.wai.org).



**Alumni Weekend/Homecoming**  
Daytona Beach, Fla.

### FRIDAY, NOV. 8

Alumni Return to Classes  
Eagles Open Golf Tournament  
Alumni Awards Reception

### SATURDAY, NOV. 9

Parade and Tailgate  
Eagles Basketball Game  
EagleNIGHT  
Carnival and Concert

For details and to register for events: [www.eraualumni.org/homecoming](http://www.eraualumni.org/homecoming).

## MARK YOUR CALENDARS



### Embry-Riddle's 2013 Industry/Career Expos

**THURS. OCT. 3** | 9 a.m. to 3 p.m. | **Embry-Riddle Prescott Campus, Ariz.**

**WED. OCT. 9** | 9 a.m. to 4 p.m. | **Embry-Riddle Daytona Beach Campus, Fla.**

Select candidates may be asked to return for an interview the day following the Industry/Career Expos. For additional information and job resources: [www.careers.erau.edu](http://www.careers.erau.edu).

# CLASS NOTES

To share your Class Notes with *Lift* and your fellow alumni, join Embry-Riddle's online community at [www.eraualumni.org/join](http://www.eraualumni.org/join) today; or submit your announcements through email to [eralumni@erau.edu](mailto:eralumni@erau.edu).

## Career News

### 1970s

**Mark Schwartz** ('71, DB) retired in 2013 following a 34-year career in aviation.

**Bruce Campbell** ('72, DB) retired in April 2013 after more than 40 years in the aviation maintenance field. He began his career working on Piper and Cessna aircraft and spent the last 33 years as chief of maintenance for Crown Equipment Corp. in Ohio, where he maintained Rockwell Sabreliners, Lockheed Jetstars, Hawker Aircraft and Gulfstreams. Campbell enjoys restoring airplanes and was recognized in 1999 with the EAA AirVenture Grand

Champion award for his restoration of a 1950 Grumman Mallard. He plans to volunteer at the WACO Air Museum in Troy, Ohio, and participate in the rebuilding of a Boeing B-17 in Urbana, Ohio.

### 1980s

**Jeffrey Post** ('82, DB) partnered with **Isidore Savona** ('82, DB) and **Scott Restivo** ('82, DB) two years ago to create Trillian Capital Management, a hedge fund. Post says Embry-Riddle is still very prevalent in his life. His son, **Andrew Post** ('09, DB), who resides near his father in Connecticut, flies Embraer 145s for ExpressJet and is based out of Newark Liberty International Airport. His daughter,

Bethany Post, works for Embry-Riddle's Worldwide Campus headquarters in Daytona Beach, Fla.

**Col. Lloyd I. Terry Jr.** ('83, '92, DB) was appointed the first commander of the U.S. Air Force's 960th Cyberspace Operations Group in March 2013 at Joint Base San Antonio at Lackland Air Force Base in Texas. The newly activated group is charged with providing combat-ready forces with specialized expertise in the operation and defense of Air Force and Defense Department global information grids.

**Steven M. Jacobson** ('84, DB) completed B-787 first officer training for United Airlines in January 2013. He lives in Wilton Manors, Fla., but is based in Houston, Texas.

**John "Theo" Dressler** ('86, WW) retired as a lieutenant colonel in January 2012 from the U.S. Air Force after nearly 29 years as a combat weather specialist, electronic warfare officer, navigator and operations officer. Highlights from his career include serving as a weather specialist in the jungles of Honduras at a remote airfield, 500 hours of combat flying during Operation Enduring Freedom and Operation Iraqi Freedom, in addition to search and rescue, evacuation and support for civil authority missions during several hurricanes and the Deepwater Horizon oil spill disaster. In July 2012, he moved from Delaware to South Florida to start a new career as region senior director of emergency services for the American Red Cross.

**Peter W. Merlin** ('87, DB) is an aerospace historian and author of numerous books including *Crash Course* (NASA, 2013), *Breaking the Mishap Chain* (NASA, 2012), *Area 51* (Arcadia Publishing, 2011), *X-Plane Crashes* (Specialty Press, 2008), *From Archangel to Senior Crown: Design and Development of the Blackbird* (AIAA, 2008), and more. He volunteers with several museums and serves on the board of directors for the Nevada Aerospace Hall of Fame. He has appeared on such television programs as *Modern Marvels*, *Mystery Hunters*, *Inside Area 51*, *Atomic Journeys*, *Area 51 Declassified*, and others. He is married and lives in Lancaster, Calif.

**Rita Martin** ('88, DB) and **William "Bill" Soldan** ('83, DB) founded Aeronautical Resource Group after connecting online through the Embry-Riddle Aeronautical University Official Alumni Group on the LinkedIn social media platform. The minority business enterprise specializes in providing aviation insurance and risk services across the nation. Martin, who holds Chartered Property Casualty Underwriter and Chartered Financial Consultant designations, is chief executive officer, and Soldan is the executive vice president for the company based in Atlanta, Ga.



Col. Lloyd I. Terry Jr.



Wolfgang Heuberger



Peter Merlin

### CAMPUS LEGEND

MC	Miami Campus
DB	Daytona Beach, Fla.
PC	Prescott, Ariz.
WW	Worldwide Campus



## 1990s

**Andrew Nicholas** ('91, DB) provided the keynote address at the 25th Anniversary Colloquium for the Engineering Physics department at Embry-Riddle's Daytona Beach Campus. Nicholas, a research physicist at the Naval Research Laboratory, talked about how the university's program shaped his career and provided an overview of his recent research. He is the principal investigator on six active spaceflight hardware programs flown on platforms such as operational military weather satellites, the Space Shuttle, the International Space Station, CubeSats and technology test bed satellites.

**Walter Houghton** ('92, WW) was designated a Wright Brothers Master Pilot by the Federal Aviation Administration during the 2013 Sun 'n Fun International Fly-in and Expo in Lakeland, Fla. The award recognizes pilots who have demonstrated professionalism, skill and aviation expertise by maintaining safe operations for 50 years or more. Houghton is an instructor at the Central Florida Aerospace Academy and an assistant professor at Embry-Riddle's Worldwide Campus at MacDill Air Force Base.

**Neil Oakden** ('92, DB) is the commander of the 49th Fighter Training Squadron at Columbus Air Force Base in Mississippi. He was recently selected for promotion to colonel.

**Joni (Lampert) Schultz** ('92, '93, DB) was appointed in April to the executive board of the Whirly-Girls International Women Helicopter Pilots and will serve as its membership coordinator. The educational and charitable organization is dedicated to advancing women in helicopter aviation. Schultz was also selected to be a mentor for EAA AirVenture's Women Soar You Soar program, which works to inspire and educate girls in grades nine through 12 to pursue their dreams in aviation. The Spring, Texas, resident is a private single-engine and rotorcraft pilot and is training to attain her commercial rotorcraft and instrument airplane ratings.

**Wolfgang Heuberger** ('94, '98, WW) was hired in April as a regional engine manager for the South Florida region of



From left, Scott Restivo, Isidore Savona and Jeffrey Post



Andrew Nicholas



Stephen Smyth



Rita Martin



Brian Carhide

Dallas Airmotive, a provider of original equipment manufacturer-approved turbine engine repair and overhaul. Heuberger is based in Fort Lauderdale and has more than 20 years of experience as an airframe and powerplant mechanic, a service manager and a sales manager.

**Col. Richard Greenwood** ('94, DB) has been appointed Georgia Wing Commander for the Civil Air Patrol U.S. Air Force Auxiliary. He will command more than 1,000 volunteers in conducting search and rescue and disaster relief missions, cadet programs, training and aerospace education throughout Georgia. In 2004, Greenwood and **Lt. Col. Todd Engelman** ('93 DB) were awarded the Civil Air Patrol's highest decoration, the Silver Medal of Valor, for rescuing five people from a burning Learjet in Macon, Ga.

**John Desmarais** ('95, DB; '00, WW) began working for the Civil Air Patrol's national headquarters at Maxwell Air Force Base in Montgomery, Ala., shortly after graduating from

Embry-Riddle. He was selected to be the director of operations for the Civil Air Patrol in December 2012.

**Michael Durant** ('95, '97, WW) was named "Vetrepreneur of the Year" and appeared in the June issue of *Vetrepreneur Magazine*, the voice of the National Veteran-Owned Business Association. A *New York Times* best-selling author and motivational speaker, Durant was the pilot of the MH60 Black Hawk helicopter that was shot down in 1993 in Mogadishu, Somalia, and was held as a prisoner of war for 11 days. He is president of Pinnacle Solutions Inc., a simulation training company based in Huntsville, Ala.

**Capt. Don Van Dyke** ('95, DB) was recently appointed by the Royal Aeronautical Society as a representative to the International Civil Aviation Organization. He previously served as director of operations for the International Air Transport Association and managing director for Air FieldTurf. He and his wife live in Montreal, where he also serves as professor

of advanced aerospace topics at Chicoutimi College - Centre Québécois de Formation Aéronautique. He is also a long-standing contributor to *Professional Pilot* magazine.

**Stephen Smyth** ('95, DB) manages a sales force from Orlando to Miami as general sales manager for Biomet Spine, effective April 2013. His wife, Alicia, is the director of database administration for Embry-Riddle External Relations. They reside in Port Orange, Fla., with their two sons, Jacob, 7, and Sean, 3.

**Brian Carhide** ('96, '12, DB) was promoted in May 2013 from program manager to executive director of Embry-Riddle's Career Services department at the Daytona Beach Campus. After graduating with his Bachelor of Science degree, he worked as an Embry-Riddle flight instructor for two years. Carhide later worked as a charter pilot for Causey Aviation Service in North Carolina for three years. In 2001, he achieved his goal and became an airline pilot with Comair Airlines before rejoining Embry-Riddle's

Flight department in 2005 and Career Services in 2008. He holds an Airline Transport Pilot certificate and has more than 5,000 hours of flying experience.

**Steven Hennigan ('97, PC)** recently joined the Houston Airport System based at George Bush Intercontinental Airport as the assistant general manager of operations. Formerly the leader of the Denver Alumni Network, Hennigan previously worked as the aviation operations manager at Denver International Airport.

**Kevin Wisneski ('97, '98, DB)** was recently promoted to vice president of technical programs and business development at Dixie Aerospace in Peachtree City, Ga. Wisneski held a variety of jobs over the past 14 years at Dixie Aerospace. He started as a customer service representative in 1999 and was most recently the parts manufacturing approval program director. He is a member of the Embry-Riddle Alumni Advisory Council.

## 2000s

**Daniel L. Nation, Ph.D., ('00, WW)** became a full-time assistant professor of management at Ashford University in Houston, Texas, in December 2012. He spent January and February 2013 teaching for Embry-Riddle's Worldwide Campus at the Singapore Institute of Management. An adjunct associate professor at Embry-Riddle's Worldwide Campus since 2002, Nation retired from Lockheed Martin in 2010. He is a former staff noncommissioned officer for the U.S. Marine Corps and a retired major in the U.S. Air Force.

**Cathy Trammell-Whitney ('00, DB)** had the honor of serving as one of about 60 air traffic controllers at the 2013 Sun 'n Fun Fly-in and Expo at Lakeland, Fla. She received the "Rookie of the Year" award for her service at the event and was invited to participate again next year. While in the area, Whitney visited Embry-Riddle's Daytona Beach Campus and her former instructor Keith Parkman, associate professor of air traffic management. She works as an air traffic controller for the Federal Aviation Administration at the Gulfport Air Traffic Control Tower in Mississippi.

**Mike Beard ('02, WW)** was hired in 2013 as the chief operating officer of CarMD.com, a provider of automotive information, products and services. Beard is responsible for CarMD's strategic planning, process improvement and programs. He is a managing partner of Value Based Project Management, and his career and consulting work spans more than 30 years of tactical, management and leadership positions for a range of companies, including Fortune 100 corporations. Previously, he served as the deputy director of the program office at McDonnell Douglas.

**Oliver Schlottmann ('02, '03, '04, WW)** retired in April 2013 from his position as director of academic support at Embry-Riddle's Worldwide Campus locations in San Diego and North Island, Calif. After nearly 13 years at Embry-Riddle, Schlottmann decided to pursue again his childhood dream of becoming a professional pilot. He is now working toward earning his Airline Transport Pilot certificate. He lives in San Diego with his wife and daughter.

**Sean Anthony ('03, '05, WW)** is vice president of maintenance for Avantair Inc., a North American provider of fractional shares, leases and flight hour cards for the Piaggio Avanti P180. Anthony brings 29 years of expertise in the aviation arena, having spent the last 20 years focused on maintenance. A veteran of the U.S. Air Force, Anthony has held maintenance leadership positions with Sentient Jet, JetDirect, Presidential and NetJets.

**Oswaldo "Oz" Maitas ('05, DB)** attained the Venezuelan version of the Airline Transport Pilot license, the Transporte Linea Aérea, in January 2013. He was promoted to captain for Aeropostal Airlines after his completion of Initial Operating Experience training and the airline check ride Feb. 26. "I feel very thankful for having been able to attend such a prestigious university as Embry-Riddle. It definitely made a difference in my professional career and personal life," he says.

**Yu Takahashi ('07, PC)** recently secured his dream job at NASA's Jet Propulsion Laboratory in Pasadena, Calif., as a navigation engineer in the Mission Design and Navigation section, Outer Planet Navigation group. "It's



Daniel L. Nation, Ph.D., in the atrium at the Singapore Institute of Management.



Yu Takahashi



Cathy Trammell-Whitney and her former instructor, Keith Parkman, associate professor of air traffic management.



Brent Bowen



Victoria DeMore and Dustin Heil were married at Embry-Riddle's Daytona Beach Campus on May 25, 2013. Alumni among their wedding party were Christian McDowell ('11, DB), Samira Virani ('09, '12, DB) and Cassandra Jameson ('11, '13, DB).



PHOTO BY CHIC SHOT STUDIO



Oz Maitas



Lisa Villegas



Duane Kangas

hard to believe that I made the cut and will be working with the best navigation engineers in the world," he says. "I don't think it would've been possible without the support from Embry-Riddle's faculty and staff." Takahashi completed his Ph.D. in Aerospace Engineering Sciences in August at the University of Colorado at Boulder.

**Harley Warren Jones** ('07, WW) was appointed in April as head of cargo at Cargo Network Services, a subsidiary of the International Air Transport Association. Jones has more than 15 years of experience in aviation and cargo issues and was previously the aviation development manager at Hartsfield-Jackson Atlanta International Airport.

**Duane Kangas** ('08, WW) was promoted to the rank of chief master sergeant in the North Dakota Air National Guard. Kangas served in the U.S. Air Force from 1984 to 1988 and joined the Air National Guard in 1989. He works as an aircraft maintenance technician for FedEx at the Grand Forks International Airport in Grand Forks, N.D.

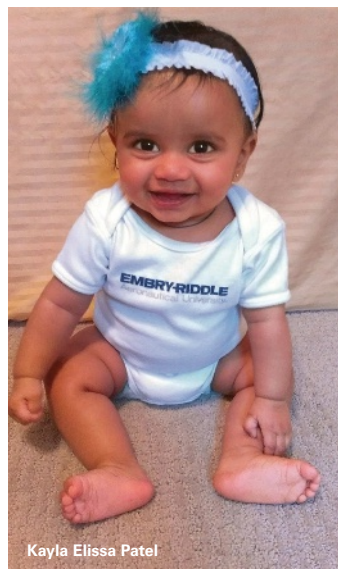
**Brent Bowen** ('10, DB) joined the Dominicans, a Catholic religious order, in August 2012. Bowen moved to Colorado for one year of formation. He plans to make his first profession of vows of poverty, chastity and obedience in August 2013 and will then move to St. Louis, Mo., to study for the Catholic priesthood.

**Victoria DeMore** ('10, DB; '12, WW) and **Dustin Heil** ('10, DB; '12, WW) were married May 25, 2013, in front of the *Pathways to the Sky* eagle sculpture at Embry-Riddle's James Hagedorn Aviation Complex in Daytona Beach, Fla. A reception immediately followed on the third-floor observation deck of the Emil Buehler Aviation Maintenance Science building. Dustin and Victoria both hold bachelor's degrees in Homeland Security. This past fall, Victoria earned a Master of Science in Project Management and Dustin completed a Master of Aeronautical Science. The couple hails from Pittsburgh, Pa., but didn't meet until 2005 at Embry-Riddle. "After talking, we found out that we lived

only 15 minutes from each other in Pittsburgh, frequented a lot of the same places as kids and even competed against each other in track (we went to rival high schools)," says Dustin, who is a resource manager for the department of Institutional Effectiveness at Embry-Riddle's Worldwide Campus.

**Lisa Villegas** ('10, DB) made her debut in 2011 as a meteorologist with KRGV-TV's Channel 5 News *This Morning*, based in Rio Grande Valley, Texas. She formerly worked at KLFY in Lafayette, La., where she was a morning and evening weekend meteorologist. "I have to say if it wasn't for Dr. Frederick Mosher and Dr. Louis McNally III, I would not be here today," she says. "They

Tori and Christopher Carta



Kayla Elissa Patel

Quinn Alison Boriack



Russell McCaffery

coached me and guided me through my college experience, while helping me with my studies and confidence."

**Russell McCaffery** ('11, WW) joined Broward College in Fort Lauderdale, Fla., as the dean of transportation programs in January. He oversees the College of Aviation in addition to the automotive technology and marine technology programs. "I hope this new position allows me to maintain even closer contact with Embry-Riddle, as many of the students in our aviation programs aim to transfer to Embry-Riddle to attain their bachelor's degrees," he says.

**Christopher Carta** ('13, DB) was promoted in May 2013 from assistant director for Embry-Riddle's Admissions department to manager of admissions and marketing for the Aviation

Maintenance Science department at the Daytona Beach Campus; he recently earned a Master of Science in Aeronautics. Altogether, he has worked for more than six years at Embry-Riddle. Prior to joining the admissions team, he was an associate director for the office of Alumni Relations. "I'm excited to contribute to the outstanding legacy of Embry-Riddle's Aviation Maintenance Science program," Carta says. "I will enjoy meeting alumni in the industry and bringing in high-quality students."

Carta is also celebrating his recent marriage to Tori Townsend (now Carta), who has worked as the business manager for Embry-Riddle's Athletics department for nearly four years. The couple met while attending the University of Florida as undergraduate students. They were married in Rosemary Beach, Fla., on Nov. 10, 2012.

## Family News

### 1990s

**Sam Patel** ('99, DB) and his wife, Deesha, welcomed their daughter, Kayla Elissa, on Nov. 1, 2012. Patel works at United Continental Holdings as managing director of flight profitability and schedule analysis. The family resides in Chicago, Ill.

### 2000s

**Thomas Boriack** ('01, DB) and his wife, Amy, had their first child, Quinn Alison, in fall 2012. Boriack, a general manager at Skytanking USA Inc., and his family live in Roanoke, Texas.

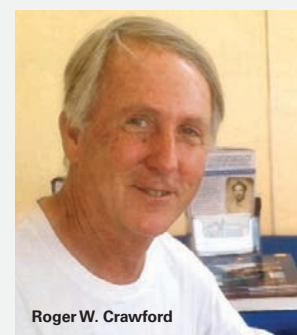
## In Memoriam

### 1940s

**Col. Everett W. Langworthy**  
( '43, MC, Non-degree)  
April 4, 2011

### 1950s

**Capt. Gary O. Myers** ('57, MC)  
April 18, 2013



Roger W. Crawford

### 1960s

**Roger W. Crawford**  
( '64, MC, Non-degree)  
Nov. 21, 2012

### 1970s

**Charles H. Lockwood Jr.**  
( '72, DB)  
Aug. 25, 2011

### 1980s

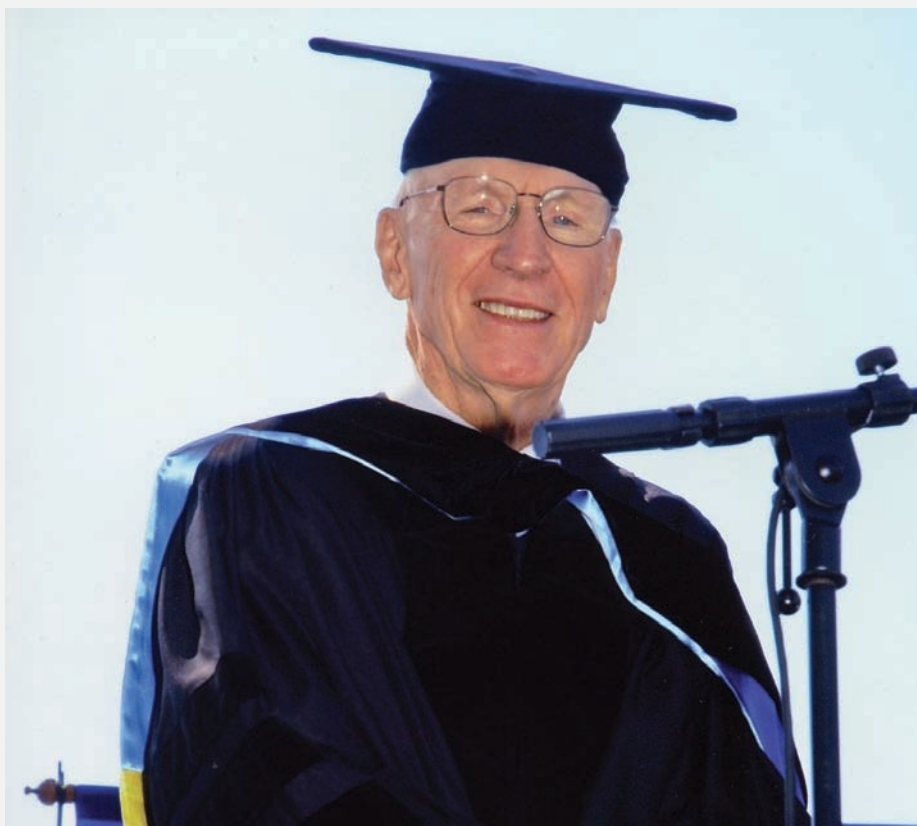
**Marc A. Pacifici** ('81, DB)  
July 6, 2012

**Timothy F. Brabec**  
( '82, '83, DB; former faculty)  
Sept. 24, 2012

**Ruben Garcia Jr.** ('85, DB)  
April 8, 2013

**Joseph R. McDermott Jr.**  
( '85, DB)  
March 31, 2013





## Thomas William Staed

FORMER TRUSTEE • FEB. 26, 2013

Thomas "Tom" Staed first became acquainted with Embry-Riddle in the mid-1960s. The then Embry-Riddle Aeronautical Institute of Miami, Fla., was searching for a new home, and the newly formed Committee of 100, of which Tom was a member, was seeking to develop jobs and industry for the Daytona Beach area.

In his role on the Committee of 100, Tom helped bring Embry-Riddle to the area, says Jay Adams (HonDoc '08, DB), who served with him on the Committee of 100. "We enticed Embry-Riddle to come here," adds Adams, a trustee emeritus of Embry-Riddle.

"There were a lot of people who thought we were crazy. They [Embry-Riddle] were struggling financially; but they had a vision and a passion for aviation and look what we've become now."

A veteran of the Korean War, an attorney turned hotelier, and the chairman and chief executive of the family-owned Staed Family Associates, Tom was a top choice for the Embry-Riddle Board of Trustees because of his legal background and business sense.

Adams, who joined the Board in 1968, and Gary Cunningham (HonDoc '69, DB),

now deceased, a charter member of the Board and former business partner with Tom at Cunningham Oil Co., managed to convince Tom to become a member in 1978. "We couldn't get four-star generals and astronauts back then, so we got some good people who cared about the university and the industry," Adams explains. Today, the Embry-Riddle Board sports a number of graduates who are high-level corporate executives, as well as an astronaut and a four-star general.

Tom was diligent in his service, dedicating 31 years to the Embry-Riddle Board (1978–2009).

A native of Memphis, Tenn., Tom met his wife, Barbara Dodd Staed of Daytona Beach, while attending Tulane University School of Law in New Orleans. She was a student at Tulane's Sophie Newcomb College. The two were married in 1959. When they moved to Daytona Beach to raise their family, Tom entered the hotel business, ultimately owning and operating 11 properties and the sales, marketing and management arm of the company: Oceans Eleven Resorts.

"That was his thrust, the hotel business," says Barbara, who busied herself raising their four daughters: Elise, who preceded Tom in death in 1973, Blaine (Lansberry), Leslie (Bush) and Whitney (Bjonnness).

Tom held numerous leadership positions in the hotel/motel industry and was equally involved in the local community, supporting nonprofit organizations and civic boards with his time and philanthropy.

"He supported the people that did good things in the community," Barbara says.

According to Adams, Tom's contributions to Embry-Riddle were notable. "He helped guide us through some really tough times in the beginning."

**Andrew A. Mathews**  
( '87, DB), Nov. 15, 2012

## 1990s

**Brett L. Faulkner** ( '94, WW)  
March 21, 2013

**Donald Dessert** ( '95, WW)  
Sept. 9, 2012

**Jeremy Lipka** ( '98, DB)  
April 29, 2013

**Justin Wade** ( '98, WW)  
Oct. 21, 2012

**Delbert L. Carmack**  
( '99, WW)  
Sept. 28, 2011

## 2000s

**George W. Twohy** ( '03, WW)  
March 20, 2012

**Tamela J. Trauth** ( '04, DB)  
Jan. 27, 2013

**Desiree Williams** ( '08, DB)  
June 12, 2013

**Patricia Ann Doub** ( '09, WW)  
May 19, 2013

**Capt. Lucas F. Gruenther**  
( '10, WW)  
Jan. 28, 2013

**Neil T. Jensen** ( '12, PC)  
March 8, 2013

## Others

**Lovena "Susie"**  
**(Deweese) Allen**  
(former staff) May 2, 2013

**Roger Ashley**  
(former faculty) May 5, 2013

**David Viger** (Professor  
Emeritus) July 3, 2013

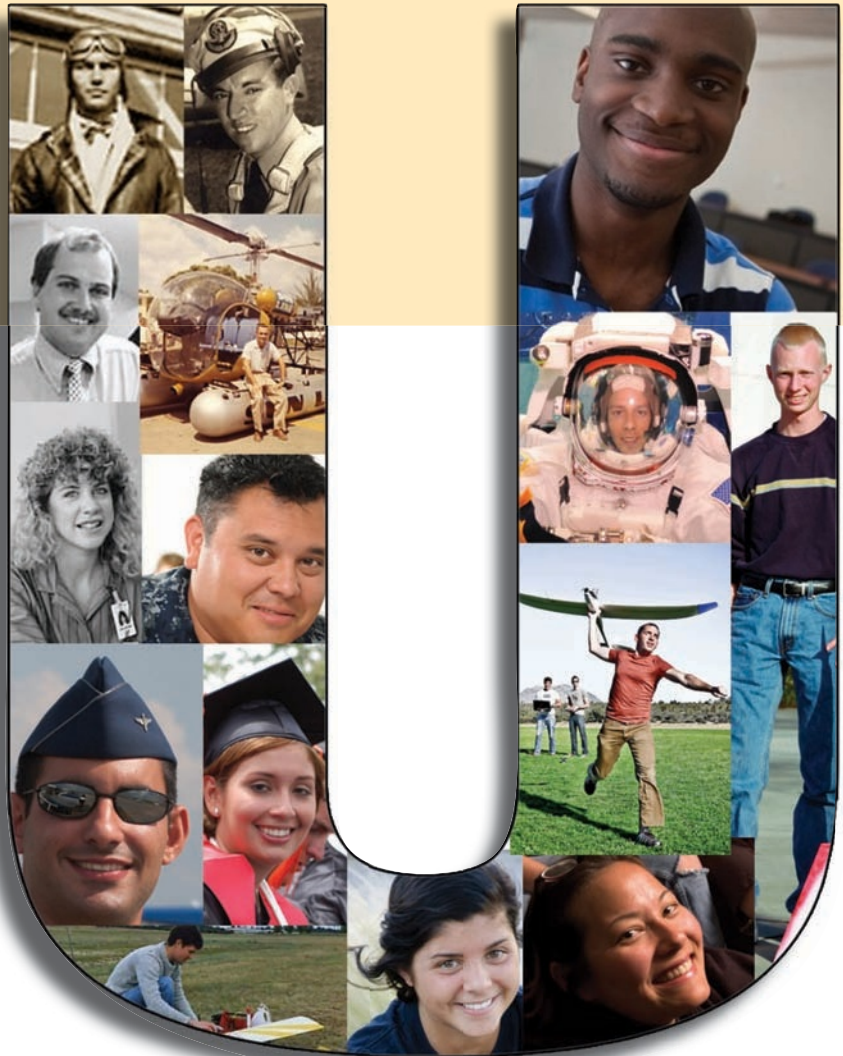
THIS IS  
YOUR TIME...  
MAKE A  
DIFFERENCE

IT'S ALL UP TO...

No matter which Embry-Riddle era you graduated from, this is your time to make a difference.

Please make a gift today and help us launch the next great era of achievement at Embry-Riddle.

**We can't do it  
without you.**



[givingto.erau.edu/ERAofU](http://givingto.erau.edu/ERAofU)

**EMBRY-RIDDLE**  
Aeronautical University™  
FLORIDA | ARIZONA | WORLDWIDE  
**THE ERA OF 'U'**

[www.facebook.com/GivingtoEmbryRiddle](https://www.facebook.com/GivingtoEmbryRiddle)

