

# NTAS 2017

30 Years of Enhancing Aviation | 1987 – 2017

MONDAY, AUGUST 14TH, 2017

## Monday, August 14th

7:30 AM	<p><a href="#">Van Service from Hotel to ERAU</a></p> <p>Conference Participants Residence Inn Marriott to ERAU 7:30 AM - 8:00 AM</p>
8:00 AM	<p><a href="#">Registration</a></p> <p>Conference Participants Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 8:00 AM - 8:30 AM</p>
8:30 AM	<p><a href="#">Welcome &amp; Symposium Overview</a></p> <p>Tim Brady Ph.D., <i>Interim Chancellor and Chief Academic Officer, Embry-Riddle Aeronautical University - Daytona Beach</i> Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 8:30 AM - 9:00 AM</p>
9:00 AM	<p><a href="#">Session 1: Advances in Flight Training</a></p> <p>Carolina Anderson, <i>Moderator: Associate Professor of Aeronautical Science, Embry-Riddle Aeronautical University - Daytona Beach</i> Jon Lars Syversen, <i>Presenter: Chairman of the Board and Senior Psychologist, Hucon Global</i> Lori Brown, <i>Presenter: Associate Professor, College of Aviation, Western Michigan University</i> Juan Merkt, <i>Presenter: Department Chair &amp; Associate Professor of Aeronautical Science, Embry-Riddle Aeronautical University - Prescott</i> Edwin Odisho, <i>Presenter: PhD in Aviation student, Embry-Riddle Aeronautical University - Daytona Beach</i> Troy E. Techau, <i>Presenter: PhD in Aviation student, Embry-Riddle Aeronautical University - Daytona Beach</i> Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 9:00 AM - 10:15 AM</p>
10:15 AM	<p><a href="#">Break — Sponsored by Avidyne</a></p> <p>Conference Participants Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 10:15 AM - 10:30 AM</p>
10:30 AM	<p><a href="#">Session 1 (continued): Advances in Flight Training</a></p> <p>Carolina Anderson Ph.D., <i>Moderator: Associate Professor of Aeronautical Science, Embry-Riddle Aeronautical University - Daytona Beach</i> Katie Pribyl, <i>Presenter: Senior Vice President of Aviation Strategy and Programs, Aircraft Owners and Pilots Association (AOPA)</i> Michael J. Mylan, <i>Presenter: Adjunct Instructor and Aviation Consultant, Embry-Riddle Aeronautical University - Worldwide</i> J. Todd Hoagland, <i>Presenter: Manager of AQP and Flight Training, Republic Airways</i> Trevor Lilya, <i>Presenter: Sales Executive, ForeFlight</i> Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 10:30 AM - 11:45 AM</p>
11:45 AM	<p><a href="#">Lunch Buffet</a></p> <p>Conference Participants Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 11:45 AM - 1:00 PM</p> <p><a href="#">Lunch Keynote Speaker — FAA's Pilot Training Initiatives and Flight Standard's Reorganization</a></p> <p>Robert Burke, <i>Manager - Air Carrier Training Systems and Voluntary Safety Programs, Federal Aviation Administration (FAA)</i> Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 11:45 AM - 1:00 PM</p>

1:00 PM	<p><a href="#">Break</a></p> <p>Conference Participants Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 1:00 PM - 1:15 PM</p>
1:15 PM	<p><a href="#">Session 2: Human Factors &amp; Flight Operations</a></p> <p>William A. Tuccio Ph.D., Moderator: Ph.D. in Aviation Alumnus, Embry-Riddle Aeronautical University - Daytona Beach Max Scheck, Presenter: German Air Line Pilots' Association Jennifer Roberts, Presenter: Embry-Riddle Aeronautical University - Daytona Beach Muhammad T. Omar, Presenter: Embry-Riddle Aeronautical University - Daytona Beach Ziho Kang, Presenter: University of Oklahoma Karina Mesarosova, Presenter: University of Zilina Robert O. Walton Ph.D., Presenter: Exec. Director of International Campus Operations &amp; Associate Professor - College of Business, Embry-Riddle Aeronautical University - Worldwide Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 1:15 PM - 2:45 PM</p>
2:45 PM	<p><a href="#">Break</a></p> <p>Conference Participants Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 2:45 PM - 3:00 PM</p>
3:00 PM	<p><a href="#">Session 3: Flight Simulation</a></p> <p>Antonio Cortés Ph.D., Moderator: Associate Dean - School of Graduate Studies, College of Aviation, Embry-Riddle Aeronautical University - Daytona Beach Stefan Kleinke, Presenter: Assistant Professor - Department of Aeronautics, Embry-Riddle Aeronautical University - Worldwide Borja Martos Ph.D., Presenter: Flight Level Engineering Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 3:00 PM - 4:15 PM</p>
4:15 PM	<p><a href="#">Session Close</a></p> <p>Conference Participants Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 4:15 PM - 4:30 PM</p>
4:30 PM	<p><a href="#">Van Service from ERAU, to Hotel, back to ERAU (change into casual clothes for evening events)</a></p> <p>Conference Participants Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) to Residence Inn Marriott to AMS Hangar (Bldg. #398) 4:30 PM - 5:15 PM</p>
5:15 PM	<p><a href="#">Reception, Exhibits, &amp; Networking — Reception Sponsored by ExpressJet Airlines</a></p> <p>Conference Participants AMS Hangar (Bldg. #398) 5:15 PM - 6:15 PM</p>
6:15 PM	<p><a href="#">Hangar Cookout</a></p> <p>Conference Participants AMS Hangar (Bldg. #398) 6:15 PM - 7:45 PM</p>
	<p><a href="#">Hangar Cookout Welcome</a></p> <p>P. Barry Butler Ph.D., President, Embry-Riddle Aeronautical University AMS Hangar (Bldg. #398) 6:15 PM - 6:25 PM</p>
6:40 PM	<p><a href="#">Keynote Speaker Welcome</a></p> <p>Tim Brady Ph.D., Interim Chancellor and Chief Academic Officer, Embry-Riddle Aeronautical University - Daytona Beach AMS Hangar (Bldg. #398) 6:40 PM - 6:45 PM</p>
6:45 PM	<p><a href="#">Evening Keynote Speaker — General Aviation: Cornerstone of the Aviation Ecosystem</a></p> <p>Mark Baker, President &amp; CEO, Aircraft Owners and Pilots Association (AOPA) AMS Hangar (Bldg. #398) 6:45 PM - 7:45 PM</p>
7:45 PM	<p><a href="#">Van Service from ERAU to Hotel</a></p> <p>Conference Participants AMS Hangar (Bldg. #398) 7:45 PM - 8:15 PM</p>

# NTAS 2017

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TUESDAY, AUGUST 15TH, 2017

## Tuesday, August 15th

7:30 AM	<p><a href="#">Van Service from Hotel to ERAU</a></p> <p>Conference Participants Residence Inn Marriott to ERAU 7:30 AM - 8:00 AM</p>
8:00 AM	<p><a href="#">Morning Welcome</a></p> <p>Conference Participants Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 8:00 AM - 8:15 AM</p>
8:15 AM	<p><a href="#">Morning Featured Speaker — Current State of Military and Civilian Pilot Pipelines</a></p> <p>Michael McGee Ph.D., <i>Adjunct Senior Policy Researcher, RAND Corporation</i> Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 8:15 AM - 9:00 AM</p>
9:00 AM	<p><a href="#">Session 4: Pilot Supply Problem</a></p> <p>Darrin Greubel, <i>Co-Moderator: Director - Flight Operations, ExpressJet Airlines</i> Michael E. Wiggins Ed.D., <i>Co-Moderator: Dept. Chair &amp; Professor of Aeronautical Science, Embry-Riddle Aeronautical University - Daytona Beach</i> Kristine Kiernan Ph.D., <i>Presenter: Assistant Professor - College of Aeronautics Graduate Studies, Embry-Riddle Aeronautical University - Worldwide</i> Don Menard, <i>Presenter: Vice President of Flight Operations, First Data Corporation</i> Matt Barton, <i>Presenter: Flightpath Economics</i> Michael E. Wiggins Ed.D., <i>Presenter: Dept. Chair &amp; Professor of Aeronautical Science, Embry-Riddle Aeronautical University - Daytona Beach</i> Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 9:00 AM - 10:00 AM</p>
10:00 AM	<p><a href="#">Break — Sponsored by ICAEA (International Civil Aviation English Association)</a></p> <p>Conference Participants Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 10:00 AM - 10:15 AM</p>
10:15 AM	<p><a href="#">Session 4 (continued): Pilot Supply Problem</a></p> <p>Darrin Greubel, <i>Co-Moderator: Director - Flight Operations, ExpressJet Airlines</i> Michael E. Wiggins Ed.D., <i>Co-Moderator: Dept. Chair &amp; Professor of Aeronautical Science, Embry-Riddle Aeronautical University - Daytona Beach</i> Becky Lutte, <i>Presenter: University of Nebraska at Omaha</i> Darrin Greubel, <i>Presenter: Director - Flight Operations, ExpressJet Airlines</i> Paul Ryder, <i>Presenter: National Resource Specialist, Air Line Pilots Association (ALPA)</i> Geoff Murray Ph.D., <i>Presenter: Aerospace Sector Leader - Aviation/Aerospace/Defense, Oliver Wyman</i> Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 10:15 AM - 11:45 AM</p>
11:45 AM	<p><a href="#">Lunch Buffet — Sponsored by Talon</a></p> <p>Conference Participants Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 11:45 AM - 1:00 PM</p> <p><a href="#">Lunch Keynote Speaker — Challenges of Increasing Automation</a></p> <p>Christopher A. Hart J.D., <i>Member &amp; Past Chairman, National Transportation Safety Board (NTSB)</i> Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 11:45 AM - 1:00 PM</p>

<p><b>1:00 PM</b></p>	<p><a href="#"><b>Break</b></a></p> <p>Conference Participants  Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602)  <b>1:00 PM - 1:15 PM</b></p>
<p><b>1:15 PM</b></p>	<p><a href="#"><b>Session 5: Leadership in Aviation</b></a></p> <p><b>Kenneth P. Byrnes Ph.D.</b>, <i>Moderator: Asst. Dean &amp; Flight Chairman, College of Aviation, Embry-Riddle Aeronautical University - Daytona Beach</i>  <b>Kadie Mullins Ed.D.</b>, <i>Presenter: Undergraduate Research, Embry-Riddle Aeronautical University - Daytona Beach</i>  <b>Linda M. Pittenger D.M.</b>, <i>Presenter: Associate Professor - College of Business, Embry-Riddle Aeronautical University - Worldwide</i>  <b>Bettina M. Mrusek Ph.D.</b>, <i>Presenter: Assistant Professor, College of Aeronautics, Embry-Riddle Aeronautical University - Worldwide</i>  <b>Dawn Cook</b>, <i>Presenter: Manager of Pilot Outreach, Delta Air Lines</i>  Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602)  <b>1:15 PM - 2:15 PM</b></p>
<p><b>2:15 PM</b></p>	<p><a href="#"><b>Afternoon Featured Speaker — Restoring the Foundation of Aviation: 2030 and Beyond</b></a></p> <p><b>Gregory J. Bowles FRAeS</b>, <i>Vice President for Global Innovation &amp; Policy, General Aviation Manufacturers Association (GAMA)</i>  Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602)  <b>2:15 PM - 3:00 PM</b></p>
<p><b>3:00 PM</b></p>	<p><a href="#"><b>Break — Sponsored by MySky Cart</b></a></p> <p>Conference Participants  Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602)  <b>3:00 PM - 3:15 PM</b></p>
<p><b>3:15 PM</b></p>	<p><a href="#"><b>Session 6: Professionalism - The Challenges of Preparing the Next Generation</b></a></p> <p><b>Nicola M. O'Toole</b>, <i>Moderator: Asst. Chief Flight Instructor, Embry-Riddle Aeronautical University - Daytona Beach</i>  <b>Kenneth P. Byrnes Ph.D.</b>, <i>Presenter: Asst. Dean &amp; Flight Chairman, College of Aviation, Embry-Riddle Aeronautical University - Daytona Beach</i>  <b>Jonathan Velázquez Ph.D.</b>, <i>Presenter: Inter American University of Puerto Rico - Bayamon</i>  <b>Kristine Kiernan Ph.D.</b>, <i>Presenter: Assistant Professor - College of Aeronautics Graduate Studies, Embry-Riddle Aeronautical University - Worldwide</i>  <b>Mary Niemczyk</b>, <i>Presenter: Arizona State University</i>  <b>Michael McCasky</b>, <i>Presenter: Captain, Managing Director of Flight Training, United Airlines</i>  <b>Tony Kern Ed.D.</b>, <i>Presenter: CEO, Convergent Performance, LLC</i>  Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602)  <b>3:15 PM - 4:45 PM</b></p>
<p><b>4:45 PM</b></p>	<p><a href="#"><b>Session Close</b></a></p> <p>Conference Participants  Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602)  <b>4:45 PM - 5:00 PM</b></p>
<p><b>5:00 PM</b></p>	<p><a href="#"><b>Exhibits &amp; Networking</b></a></p> <p>Conference Participants  Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602)  <b>5:00 PM - 6:00 PM</b></p>
<p><b>6:00 PM</b></p>	<p><a href="#"><b>Van Service from ERAU to Hotel</b></a></p> <p>Conference Participants  Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) to Residence Inn Marriott  <b>6:00 PM - 6:30 PM</b></p>



WEDNESDAY, AUGUST 16TH, 2017

Wednesday, August 16th

<p>7:30 AM</p>	<p><a href="#">Van Service from Hotel to ERAU</a></p> <p>Conference Participants Residence Inn Marriott to ERAU 7:30 AM - 8:00 AM</p>
<p>8:00 AM</p>	<p><a href="#">Morning Welcome</a></p> <p>Conference Participants Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 8:00 AM - 8:15 AM</p> <hr/> <p><a href="#">Poster Session — NTAS Presenters and ERAU-PhD Programs</a></p> <p>Conference Participants Jim W. Henderson Administration &amp; Welcome Center Atrium (Bldg. #602) 8:00 AM - 10:00 AM</p>
<p>8:15 AM</p>	<p><a href="#">Session 7: Aviation Education and Weather Impact on Flight Training</a></p> <p>Robert O. Walton Ph.D., Moderator: Exec. Director of International Campus Operations &amp; Associate Professor - College of Business, Embry-Riddle Aeronautical University - Worldwide William A. Tuccio Ph.D., Presenter: Ph.D. in Aviation Alumnus, Embry-Riddle Aeronautical University - Daytona Beach Nathan W. Walters, Presenter: Embry-Riddle Aeronautical University Stefan Melendez, Presenter: Embry-Riddle Aeronautical University Robert Thomas, Presenter: Embry-Riddle Aeronautical University - Daytona Beach Jayde M. King, Presenter: Embry-Riddle Aeronautical University - Daytona Beach Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 8:15 AM - 9:45 AM</p>
<p>9:45 AM</p>	<p><a href="#">Break — Sponsored by College of Aviation, Embry-Riddle Aeronautical University - Daytona Beach</a></p> <p>Conference Participants Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 9:45 AM - 10:00 AM</p>
<p>10:00 AM</p>	<p><a href="#">Developing Solutions for the Aviation Industry Challenges: Collaborative Effort to Solve the Pilot Shortage</a></p> <p>Conference Participants Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 10:00 AM - 11:15 AM</p>
<p>11:15 AM</p>	<p><a href="#">Break</a></p> <p>Conference Participants Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 11:15 AM - 11:30 AM</p>
<p>11:30 AM</p>	<p><a href="#">Lunch Buffet</a></p> <p>Conference Participants Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 11:30 AM - 12:45 PM</p> <hr/> <p><a href="#">Lunch Keynote Speaker — Public-Private Partnership (3P): Addressing the National Pilot Crisis Through Collaboration</a></p> <p>Tommy J. Williams, Major General, Mobilization Assistant to the Deputy Chief of Staff for Operations, Headquarters, United States Air Force (USAF) Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 11:30 AM - 12:45 PM</p>
<p>12:45 PM</p>	<p><a href="#">Conference Close</a></p> <p>Tim Brady Ph.D., Interim Chancellor and Chief Academic Officer, Embry-Riddle Aeronautical University - Daytona Beach Alan J. Stolzer Ph.D., Dean - College of Aviation, Embry-Riddle Aeronautical University - Daytona Beach Jim W. Henderson Administration &amp; Welcome Center (Bldg. #602) 12:45 PM - 1:00 PM</p>