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ATEC@ATEC-AMT.ORG
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Annual Conference, presented by

BOMBARDIER

At the Pima Community College Aviation Center in Tucson

Saturday, March 16, 2024

8:00 a.m.-4:00 p.m.

ATEC Academy: Empowering Excellence in Aviation Education ([Register](#))
Pima Community College Downtown Campus, 1255 N Stone Ave, Tucson
Navigate the transition from industry to academia with confidence! This two-day session kicks off an immersive three-month training course intended to equip new instructors with essential teaching tools.

Sunday, March 17, 2024

8:00 a.m.-12:00 p.m.

ATEC Academy: Empowering Excellence in Aviation Education
Pima Community College Downtown Campus

11:00 a.m.-4:00 p.m.

Registration
Marriott Tucson University Park Hotel, 880 E 2nd St, Tucson (Marriott)

11:00 a.m.-2:00 p.m.

Board Meeting—Marriott, lunch sponsored by



1:00 p.m.-4:00 p.m.

Exhibitor Setup
Pima Community College Aviation Center, 7211 S. Park Ave., Tucson (PCCAC), Hangar 2

3:00 p.m.-4:00 p.m.

Committee Meetings—Marriott

5:00 p.m.-7:00 p.m.

Welcome Reception—Marriott, sponsored by



— Since 1940 —

Monday, March 18, 2024

Shuttle bus will depart Marriott for PCCAC at 7:30 am. It will make a return trip at the conclusion of the day's program.

8:00 a.m.-4:00 p.m.

Registration

8:00 a.m.-4:00 p.m.

Exhibit Hall

8:00 a.m.-8:30 a.m.

Breakfast, sponsored by



8:30 a.m.-9:15 a.m.

Welcoming Remarks and Exhibitor Spotlight

Get a round-the-room introduction of exhibitors and the services, products, and opportunities they provide for aviation technician education.

James Hall, ATEC President & Dean, Aviation & Manufacturing National Center for Aviation Training, WSU Tech

Nina Corson, Vice President Downtown Campus, Pima Community College

9:15 a.m.-9:45 a.m.

Keynote Address: A Long and Proud History Serving Southern Arizona

Ian Roark, Vice Chancellor, Workforce Development & Innovation, Pima Community College

9:45 a.m.-10:15 a.m.

Networking Break, sponsored by



10:15 a.m.-11:00 a.m.

What Have We Done for You Lately

Join council leadership for an engaging session where we share the latest developments in association initiatives and delve into the impactful endeavors undertaken by the council for the benefit of its members.

Jason Bowersock, Conference Committee Co-Chair & Director of Aviation, Pima Community College

Jared Britt, Legislative Committee Chair & Director of Global Aviation Maintenance Training, Southern Utah University

Sean Gallagan, Regulatory Committee Chair & Chief Executive Officer, Aviation Workforce Solutions

Nicole Gleaton, Incoming ATEC Conference Committee Chair & Director of Communications, Aviation Institute of Maintenance

Ryan Goertzen, Choose Aerospace President & Vice President Maintenance Workforce Development, AAR CORP

Karen Johnson, Journal Editor, Associate Professor, Southern Illinois University Carbondale

Kari Middleton, Conference Committee Co-Chair & Manager of Business Development, Pima Community College

James Smith, Membership Committee Chair & AMT Director, Marshall University

Moderator: Crystal Maguire, Executive Director, ATEC

11:00 a.m.-12:00 p.m.

Navigating the Skies: The Demand for Aviation Maintenance Personnel

In response to the escalating shortage of technical personnel, stakeholders are intensifying their scrutiny of the pipeline. Explore various industry perspectives that shed light on the dynamic relationship between the supply and demand of maintenance professionals in aviation.

Moderator: Livia Hayes, Director, Oliver Wyman CAVOK

12:00 p.m.-1:30 p.m.



Awards Luncheon, sponsored by

Choose Aerospace acknowledges scholarship recipients, and the Northrop Rice Foundation, JSfirm.com, and Snap-on present the ATEC Student and Educator of the Year awards.



1:30 p.m.-2:30 p.m.

Revolutionizing Education: Best Practices in the Era of the New Part 147

Explore the transformative possibilities of the new rule, offering certificated programs the chance to reimagine education. Discover the innovative strategies stakeholders are adopting to increase enrollments, better serve industry, and improve the quality of education.

Moderator: Crystal Maguire, Executive Director, ATEC

2:30 p.m.-3:00 p.m.

Networking Break, sponsored by



3:00 p.m.-4:00 p.m.

Empowering Futures: Exploring Pipeline Deployment Strategies Using the Choose Aerospace Aviation Maintenance Curriculum

The Choose Aerospace curriculum is increasing access to aviation technical careers. Investigate the diverse deployment strategies that are facilitating its implementation across a broad range of scenarios.

Katie Johnson, Vice President, Human Resources, West Star Aviation (invited)

Matthew Harter, Coordinator, Aviation Maintenance Technology, Southwestern Illinois College

Mike Sasso, Assistant Dean, Aviation Maintenance Technician Program, Cape Cod Community College

Moderator: Kelly Filgo, Director of Operations, Choose Aerospace

6:00 p.m.-8:00 p.m.

Evening Reception

[Pima Air & Space Museum, 6000 E Valencia Rd, Tucson](#)

Shuttle bus will run between the Marriott and the museum starting at 5:30.

Tuesday, March 19, 2024

Shuttle bus will depart Marriott for PCCAC at 7:30 am. It will make a return trip at the conclusion of the day's program.

8:00 a.m.-4:00 p.m.

Exhibitor Hall

8:00 a.m.-8:45 a.m.

Breakfast

8:45 a.m.-9:15 a.m.

Keynote Address: The Future is Now

Hear what's on the horizon for the manufacturing giant, and how it ensures business aircraft products remain on the cutting-edge of technology.

9:15 a.m.-9:30 a.m.

Networking Break, sponsored by



Breakouts

See full session descriptions below. PCCAC tours are also available during each breakout session time slot.

	Administration	Instruction	Regulation	Pathways
A. 9:30 a.m.-10:30 a.m.	Breakout 1	Breakout 5	Breakout 9	Breakout 13
B. 10:45 a.m.-11:45 a.m.	Breakout 2	Breakout 6	Breakout 10	Breakout 14

11:45 a.m.-1:15 p.m.

Flavorful Conversations: A Food Truck Lunch, sponsored by



Indulge your taste buds and engage in stimulating discussions during the food truck lunch. Choose a roundtable discussion and connect with community leaders to learn more about getting involved in council initiatives.

ATEC Academy

Join course facilitators to debrief and provide feedback on ATEC's newest initiative designed to address the escalating difficulty in recruiting and retaining skilled instructors amidst the rising demand for technicians.

Facilitator: Sheryl Oxley, ATEC Director & Aviation Program Coordinator, Tulsa Technology Center

Choose Aerospace

Interested in helping with high school teacher training? Join trainers to hear more about the annual training course provided by A&P instructors for teachers with little to no aviation experience.

Facilitator: Kelly Filgo, Director of Operations, Choose Aerospace

ATEC Journal

Join the editorial committee to learn more about the council's peer-reviewed

publication, how to submit a paper, and to collaborate on research ideas.

Facilitator: Karen Johnson, Journal Editor, ATEC Director, & Associate Professor, Southern Illinois University Carbondale

Legislative Committee

Learn about the committee's crucial role in furthering council initiatives and the role individuals play to advocate for change.

Facilitator: Jared Britt, Legislative Committee Chair & Director of Global Aviation Maintenance Training, Southern Utah University

Regulatory Committee

Connect with fellow professionals and contribute to shaping the regulatory agenda that drives our community forward.

Facilitator: Sean Gallagan, Regulatory Committee Chair & Chief Executive Officer, Aviation Workforce Solutions

Conference Planning Committee

Participate in discussions on agenda development, venue selection, exhibitor solicitation, and speaker identification for the annual conference.

Facilitator: Nicole Gleaton, Incoming ATEC Conference Committee Chair & Director of Communications, Aviation Institute of Maintenance

Membership Committee

Provide feedback on how the trade association can and should serve its members.

Facilitator: James Smith, Membership Chair & Director of Aviation Maintenance, Marshall University

C.	1:15 p.m.-2:15 p.m.	Breakout 3	Breakout 7	Breakout 11	Breakout 15
D.	2:30 p.m.-3:30 p.m.	Breakout 4	Breakout 8	Breakout 12	Breakout 16
	3:30 p.m.-3:45 p.m.	Networking Break, sponsored by			



3:45 p.m.-4:30 p.m. **Closing Remarks & Exhibitor Door Prizes**

5:30 p.m.-7:30 p.m.



Networking Reception, sponsored by
Gentle Ben's, 865 E University Blvd, Tucson

Wednesday, March 20, 2024

Shuttle bus will depart Marriott at 8:00 AM. It will make drops at the Tucson Airport, wrap party, and/or the Marriott at the conclusion of the tours.

Tour Group 1

Tour Group 2

8:30 a.m.-9:30 a.m.

Campus Tour, Coffee, and Donuts, sponsored by



Pima Community College Downtown Campus, 1255 N Stone Ave, Tucson

10:00 a.m.-11:30 a.m.

Bombardier Tour

TBA

11:30 a.m.-1:00 p.m.

Presenting Sponsor Briefing and Lunch

Bombardier, 1255 E Aero Park Blvd, Tucson

1:00 p.m.-2:30 p.m.

TBA

Bombardier Tour

3:00 p.m.

Wrap Party

Barrio Brewing Co, 800 E 16th St, Tucson

Join us for a memorable conclusion to the conference as we unwind and enjoy local craft brews, delectable bites, and lively conversations with fellow attendees. Let's toast to a fantastic conference experience and the shared excitement for what lies ahead!

Thursday, March 21, 2024

8:00 a.m.-5:00 p.m.

FAA Designated Mechanic Examiner Recurrent Seminar

Required recurrent training for designated mechanic examiners, presented by the FAA. Advanced and separate [registration](#) is required.

BREAKOUTS

ADMINISTRATION TRACK

1. A Blueprint for Success: Increasing A&P Graduates' FAA Mechanic Certification Rates

Nationally, only sixty percent of A&P graduates obtain an FAA mechanic certificate. Dive into an insightful panel discussion examining the challenges hindering A&P graduates from obtaining mechanic certification, exploring success stories, and sharing practical implementation strategies to elevate testing rates.

2. The Fallout: How Legislative Initiatives Drive Regulatory Action

Congress recently passed a multi-year reauthorization bill to fund the Federal Aviation Administration for the next five years. This landmark legislation addresses every one of ATEC's legislative priorities, including expanding the FAA workforce development grant, improving the airman certification standard system, and creating dedicated pathways for exiting military personnel. Gain insights into ATEC's pivotal role in influencing these changes and discover what to anticipate as the provisions are implemented.

Jared Britt, Director of AMT Training, Southern Utah University

Chase Beasley, Workforce Relations, American Airlines (invited)

Rob Cush, Director of Government Affairs, Aircraft Mechanics Fraternal Association (invited)

3. Bridging the Gap: PSA Airlines' Blueprint for A&P Training Excellence

In an ever-evolving aviation industry, the need for highly skilled aviation technicians is more critical than ever. Explore an innovative strategy designed to fill skill gaps with success stories. The session will delve into the significance of collaboration with A&P schools, adaptability, technology integration, soft skills, and ongoing education.

James Ellis, Assistant Director of Maintenance Training, PSA Airlines

4. Launching Your A&P School: Navigating Costs, Equipment, Funding, and Regulations

Embark on the journey of establishing a certificated aviation program with insights from seasoned experts. Explore the costs, necessary equipment, available funding opportunities, and regulatory requirements as our panel shares invaluable experience gained from years of successfully launching part 147 programs. Get answers to your crucial questions and pave the way for a successful start in aviation education.

Sean Gallagan, Chief Executive Officer, Aviation Workforce Solutions

Jared Britt, Director of AMT Training, Southern Utah University

INSTRUCTION TRACK

5. Introducing the ATEC Academy: Empowering Excellence in Aviation Education

As the shortage of teachers and technicians continues to grow, so too will the number of individuals moving from industry to the classroom with limited teaching experience. Uncover a pioneering program crafted to tackle these issues, offering a personalized approach to aid recently appointed A&P instructors in navigating the intricacies of teaching. Learn about the inaugural course kick-off and share suggestions and recommendations on how this new initiative can support your school's professional development objectives.

Sean J Glassberg, Owner, Educator Training and Consulting

Kelly Filgo, Director of Operations, Choose Aerospace

6. Elevate A&P Coursework with Electric Engine Standards

Learn how to integrate ASTM F3239 and F3338 modules into aviation maintenance classes, leveraging insights from work funded by the National Institute of Standards and Technology. Participate in focused discussions on student outcomes, videos, and assessments, addressing technical language, electric propulsion design, installation airworthiness, and hazard mitigation.

Mary E. Johnson, Professor; Assoc Head for Grad Studies and Research, Purdue University

Tracy L. Yother, Assistant Professor, Aeronautical Engineering Technology, Purdue University

7. Product Showcase: Interactive eBooks for A&P Programs

Ekanos is an interactive eBook solution that makes aviation technician education easy and effective. The content aligns with FAA mechanic airman certification standards and allows students to see theory concepts in action through animation and virtual practices. Panelists will demo the tool and highlight recent updates and deployments at other A&P programs.

Natalie LaFlam, Marketing & Account Coordinator, Aviation Resources & Consulting Services, LLC

Fazil Punnassery, Head of Business Development, Ekanos

8. Stackable Credentials: Using Industry Certifications in an ACS-Based Curriculum

Dive into a comprehensive exploration of aviation-related certifications offered by NC3, DMC, Snap-on, and other industry leaders. Discover the seamless alignment of these credentials with FAA mechanic airman certification standards and gain insights into leveraging training aids and curriculum to enhance both student learning and program success. Join us for a valuable session on maximizing the potential of industry-recognized certifications within the context of a part 147 program.

John Gamble, Business Development Manager, Snap-on

William Randall, Strategic Accounts Manager, Daniels Manufacturing Corporation

Mike Bittner, Sales Manager, Aircraft Tools Incorporated

Jon Byrd, Executive Director of Aviation, Georgia Northwestern Technical College

REGULATION TRACK

9. The New Part 147: A Comprehensive Update from FAA Safety Standards

The new part 147 has been in effect for over a year. Delve into the evolving landscape as regulators and certificate holders adapt, uncovering challenges and areas for improvement. Engage with agency leadership and get valuable insights into surveillance feedback, new inspector guidance and training, and forthcoming plans for performance reporting.

Tanya A. Glines, Aviation Safety Inspector, Aircraft Maintenance Division, FAA (invited)

Kevin Morgan, Airmen Section Manager, Aircraft Maintenance Division, FAA (invited)

10. FAA Testing: A Comprehensive Look at the Certification System

Hear from the FAA's regulatory support division on policy changes impacting designees and the airman certification system. Get an overview of recent updates stemming from the new mechanic airman certification standards, revised guidance directed at designated mechanic examiners, and a preview of what's in store.

Christopher Thomas, Manager, Airman Testing Standards, FAA (invited)

Trey McClure, Manager, Delegation Program Branch, FAA

11. Correlating Testing and Training: The Pursuit of a Common Goal

Join us for a comprehensive update on the certification testing system, modifications made since the implementation of the new airman certification standards last summer, and trends in student testing pass rates for the mechanic exams. Join an open discussion on how programs use data to improve outcomes, and improvements that could be made to the feedback loop to ensure student success.

Jackie Spanitz, General Manager, Aviation Supplies & Academics, Inc.

Christopher Thomas, Manager, Airman Testing Standards, FAA (invited)

Paul Clark, Senior Vice President, Federal Programs, PSI Services (invited)

Mark Holloway, Director of Education, Aviation Institute of Maintenance

12. Workshop: Collaborative Engagement in Airman Certification Standards Revision

Join us for an interactive workshop focused on revising the Mechanic Airman Certification Standards, the backbone of our certification system. As key stakeholders, your valuable insights can shape the future of this essential framework. Bring your specific suggestions to enhance the standards, and actively contribute to the council's formal recommendations for impactful change.

Facilitator: Jackie Spanitz, General Manager, Aviation Supplies & Academics, Inc.

PATHWAYS TRACK

13. Fostering Diversity: Tangible Programs Making Significant Strides Toward Diversity Goals

Dive into an exploration of groundbreaking partnerships dedicated to cultivating a more diverse aviation workforce. Learn about Job Corp, the largest free residential education and job training program for young adults, as it pioneers the connection of its students to promising aviation technical careers.

14. Creating Talent Pipelines from Scratch

How can post-secondary institutions work more effectively with community and secondary partners to build true aviation workforce pathways? Learn how to create and engage feeder programs with a plan of action, materials and resources, and clear pathways to success in the aviation industry.

Glenn Ponas, Director, High School Outreach, You Can Fly Initiative, AOPA Foundation

Paul Maloy, Director of Education, Experimental Aircraft Association

Moderator: Kelly Filgo, Director of Operations, Choose Aerospace

15. Understanding the JSAMTCC Pathway to Mechanic Certification

Explore the Joint Service Aviation Maintenance Technician Certification Council (JSAMTCC), a Department of Defense and United States Coast Guard program providing military aviation technicians a streamlined path to FAA mechanic certification. Hear about JSAMTCC initiatives, including the establishment of a working group dedicated to developing testing prep courses for aspiring aviation professionals.

Steven Burge, Aviation Credentialing Manager, U.S. Army

Arthur E. Rousseau, Credentialing Programs Director, Community College of the Air Force

Chase Winningham, Joint Service Program Director, Community College of the Air Force

16. Leveraging SkillBridge to Create Military Transition Pathways

Explore the Department of Defense's SkillBridge program, designed to connect transitioning service members with real-world job experiences in the final 180 days of service. Discover how aviation companies and educational institutions integrate this program into their training ecosystems and explore the array of benefits available to employers, educators, and transitioning service members.

Jeff Kelley, Aviation Lab Manager, Southern Utah University