



2020

UAA Connect

The Official Publication of the University Aviation Association



Aviation Policy Seminar Goes Virtual for Year 30

-Dr. Ryan Leick, Chair Aviation Management Committee

The University Aviation Association coordinates an annual Aviation Policy Seminar in Washington D.C. for collegiate students and faculty members interested in aviation policy and government/public processes. UAA has historically offered attendees the opportunity to network with aviation industry leaders and members of Congress in Washington, DC during the first week of January each year. This year's seminar will be held virtually for its 30th anniversary.

This year, I am pleased to announce that the week-long program in the nation's capital will be condensed to a three-day hybrid program designed for university classes. Colleges and universities will have the opportunity to register for access for all their aviation program students and faculty this year. Attendees will have the opportunity to attend virtual briefings from the Congressional staff, government agency, and industry associations followed by live Q&A sessions.

Participants will have an opportunity to engage with lecturers and panelists from National Transportation Safety Board (NTSB), widely known for providing go-team investigations for commercial aviation accidents, the Federal Aviation Administration (FAA), Government Accountability Office, U.S. Senate Subcommittees on Aviation Operations, Safety, and Security, Congressional Representatives, Eno Center for Transportation. Leaders from industry associations to gain insight into how these organizations interact with each other to aid in the establishment of government guidance. A myriad of industry associations comprise the alphabet-soup of agencies in Washington, DC and we have been fortunate enough to have many of these groups contributing year after year: RAA, NBAA, ALPA, AOPA, AUVSI, NASA, A4A, ICAO and many more.

2020 Awards of Excellence



We hope you will join us at our **73rd Annual Membership Meeting on October 30, 2020 at 10:00 am** to honor our awardees and to celebrate their contributions. The coronavirus may have changed the way collegiate aviation and our industry does business, but it will not stop UAA from holding its popular Awards of Excellence program for 2020.

Now more than ever from this year's pandemic, these awards place a greater emphasis on honoring the people who make a difference by their personal and professional commitment to collegiate aviation - men and women who are truly heroes and legends among us who set examples for all to follow.

UAA of Excellence will be presented this year during our 2020 Annual Membership Meeting at **11:30 am** to be held virtually. The awards recognize excellence among collegiate aviation professionals and partners.



UAA Virtual Conference

Upset Recovery: Collegiate Aviation in Uncertain Times

All times in CENTRAL

Friday, October 2

Education Sessions

10:00 am - 10:30 am	Creating Interactive Course Designs	Ed Steigerwald - Middle Georgia State University
10:30 am - 11:00 am	English Language Proficiency and Flight Training Performance	Robert Fowler - Middle Tennessee State University, Jena Lynch, Jennifer Roberts - Embry-Riddle Aeronautical University
11:00 am - 11:30 am	Exploring Fatigue Research Among Collegiate Aviation Pilots	Julius Keller - Purdue University, Flavio Mendonca - Purdue University, Mike Robertson, Matthew Romero - Southern Illinois University - Carbondale
1:00 pm - 1:30 pm	From Feast to Famine: Critical Topics and Resources for Aviation Management Courses in Light of COVID-19	James Simmons - Metropolitan State University of Denver
1:30 pm - 2:00 pm	Local Government Policy and Planning Considerations for sUAS	Tyler Spence - Embry Riddle Aeronautical University
2:00 pm - 2:30 pm	The FAA Center of Excellence for General Aviation - Annual Report of Research Projects	Dr. Stephen Cusick - Florida Institute of Technology

Thursday, October 8

Knowledge Share

10:00 am - 11:30 am	Gleim Aviation, Simulate, King Schools
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Friday, October 9

Best Practices

10:00 am - 10:30 am	Considerations in Planning and Implementing a Study Abroad Experience for Collegiate Aviation and Aerospace Students	Tim Bliss, Chad Depperschmidt - Oklahoma State University
10:30 am - 11:00 am	Engaging Research: Flipped Classrooms, Projects, and Public Presentations to Understand Aviation	Brooke Wheeler - Florida Institute of Technology
11:00 am - 11:30 am	Maintaining Access to Course Content for Diverse Student Populations	Tyler Bachelder, James Simmons, Derren Duburguet - Metropolitan State University of Denver
11:30 am - 12:00 pm	Onboarding Non-Aviation Supervisors: Lessons Learned	Cody Christensen - South Dakota State University
12:00 pm - 2:00 pm	Admin Leadership Forum	Chaminda Prelis - University of Dubuque

Friday, October 16

Workshops

10:00 am - 12:00 pm	Applied Research in Weather Technologies in GA cockpit	Mary Johnson, John Mott - Purdue University
1:00 pm - 2:30 pm	Creating and Assessing Augmented Reality and 3D Learning Objectives in Aviation Education	Lori Brown - Western Michigan University

Thursday, October 22

Knowledge Share

10:00 am - 11:30 am	FRASCA, FAA, Flight Schedule Pro
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Friday, October 23

10:00 am - 11:30 am	Annual Board Meeting
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Friday, October 30

10:00 am - 11:30 am	Annual Membership Meeting
11:30 am - 1:00 pm	Annual Awards Ceremony

We look forward to seeing you!

Click the link below to register for events for **FREE!**

https://www.aaa.aero/free_virtual_conference_-_sche.php

News & Updates

Reliable Robotics Flies Unmanned Cessnas



A California company called Reliable Robotics has achieved some pioneering achievements in unmanned aviation, having already flown a Cessna 172 Skyhawk and a 208 Caravan without pilots in a relatively populated area and normal metropolitan airspace. The flights took place from San Martin Airport, about 25 miles southeast of San Jose, first with an unmanned Cessna 172 on Sept. 24, 2019, followed by the Caravan's first remote automated landing on June 30, 2020.

While these weren't the first unmanned flights of a passenger-type general aviation aircraft, that Reliable Robotics was able to gain FAA approval to conduct the flights so close to major cities in the San Francisco Bay Area is significant. But there is more to what Reliable Robotics is doing, and this could have a profound impact on the advanced air mobility (AAM) or urban air mobility (UAM) market.

CEO Robert Rose and v-p of engineering Juerg Frefel co-founded Reliable Robotics in 2017. According to the company, Rose "led flight software at SpaceX and the autopilot program at Tesla," and Frefel "led the team developing the compute platform for the Falcon 9 rocket and the Dragon spacecraft." Since its founding, Reliable Robotics has raised \$33.5 million in two rounds of funding (\$8.5 million Series A led by Lightspeed Ventures and \$25 million Series B led by Eclipse Ventures with participation by Pathbreaker Ventures and Teamworthy Ventures).

It may seem unlikely, but what Reliable Robotics is striving to accomplish isn't to design and manufacture the next great unmanned aerial passenger-carrying vehicle but something more critical, the technological underpinnings it says will make it possible for such vehicles to succeed. The products that Reliable

Robotics makes will enable vehicle manufacturers to automate the flying, and this could apply to converting an existing aircraft to unmanned operations or adding a Reliable Robotics-designed flight control system to a new design.



The long-term goal, Rose told AIN, is to make more efficient use of the 5,000 public-use airports in the U.S., most of which have a lot of underutilized capacity and are located near where people live. Most people, he explained, might see about 30 of the largest and busiest airports during their travels, while fewer people might occasionally use another 170 smaller regional airports. However, increasingly, people are moving to desirable locations away from metropolitan areas, and the thousands of available airports could be a tremendous resource. "We believe automated aircraft are the key to unlocking these airports for use by regular people," he said.



Rose is aware that people are still wary of automated vehicles. "It will be quite some time before people are comfortable and the technology is ready to be flying passengers around, but before that, there is a lot of opportunity in the cargo space," he reflected.



Pilot Pipeline Survey of Member Schools

<https://www.surveylegend.com/s/2jwq>

BEHIND THE SCENES



An Inside Look At Piedmont Airlines

Interested in learning about an aviation career at Piedmont Airlines?

Join the Piedmont Recruiting team as we peel back the curtain for a behind-the-scenes look into Piedmont Airlines in this interactive online presentation. Meet members of our Piedmont team and learn about their different roles in the company, above and below the wing. Guests are encouraged to ask questions.

WHEN

Wednesday, October 14
NOON - 4:00 PM EST

Registration is free. Click [here](#) to register.

Our Piedmont Recruiting team looks forward to sharing the inside scoop on job opportunities with you and hope the presentation sparks excitement about your future career with Piedmont!

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AmazonSmile is a simple way for you to support your favorite charitable organization every time you shop, at no cost to you. AmazonSmile is available at smile.amazon.com on your web browser and can be activated in the Amazon Shopping app for iOS and Android phones. When you shop AmazonSmile, you'll find the exact same low prices, vast selection and convenient shopping experience as Amazon.com, with the added benefit that AmazonSmile will donate 0.5% of your eligible purchases to the charitable organization of your choice.



Aviation Career Symposium Set for October

Pathways to Aviation is conducting a virtual celebration of aviation careers on October 5-9, 2020. The week will assemble students, job seekers, employers, and industry leaders.

The non-profit organization provides career guidance to high school and college students, as well as active job seekers pursuing extraordinary careers in the aerospace industry through weekly workshops, mentoring, and a unique career readiness certification process.

"While the COVID-19 pandemic may have placed a halt to workforce shortages within the industry, employers continue to keep their eyes open for quality talent. By working closely with an increasing number of people wishing to seek employment in the industry, we're able to recommend strong new hires," says Pete Parker, executive director of Pathways to Aviation.

The one-week Aviation Career Symposium promotes the industry and its opportunities through online industry specialty workshops, interviews with industry leaders, company and candidate spotlights, job announcements, and career readiness tips. "We believe in this industry and envision a very bright future. The Symposium will highlight aviation's leaders, opportunities and future," says Parker. The activities are free of charge to attend.

Learn more at www.PathwaysToAviation.org/career-symposium.



Virtual Airline Career Fairs OCTOBER

October 14:

<https://www.eztalks.com/r/930953841>

October 15:

<https://www.eztalks.com/r/992682170>

9/11 Aviation Heroes Inspires Covid-19 Challenge Essay

Next fall it will be twenty years since they came into work at their airports expecting a normal day and found themselves in the middle of a national attack. It was the extraordinary way ordinary aviation workers responded to the challenges that day, and to the loss and pain of the aftermath of 9/11, that made them heroes.

The book, "Reclaiming the Sky: 9/11 and the Untold Story of the Men and Women Who Kept America Flying," will serve as a platform for an essay competition to give today's aviation workers – as well as students studying aviation – a chance to tell how they can apply the lessons of courage from 9/11's aviation heroes to meet Covid 19's challenges and help get America flying again.

"The Covid 19 crisis has had a crushing impact on the aviation industry and on workers," said Tom Murphy, author of Reclaiming the Sky. "The essay contest will give this generation of airport and airline employees and students a chance to learn from the courage of the 9/11 generation and apply those lessons to help them rise up to meet today's virus challenges and get our aviation industry moving forward again."

The essay competition begins January 1, 2021 and culminates with the 20th anniversary of 9/11 in September, 2021. The project will be conducted by the Human Resiliency Institute at Fordham University which Murphy founded, and which offers the Edge4Vets program that teaches veterans how to tap their resiliency strengths to get jobs and make

Veterans from the Edge4Vets program will help administer the essay competition. Sponsors are being enlisted to provide support, while a website, www.reclaimingthesky.com, provides details on the competition and accepts entries. There are three categories of essay winners, including divisions for Airport Workers, Airline Employees, and Aviation Students.

Aviation workers profiled in the book are being invited to participate as judges. An advisory panel of aviation leaders will provide guidance for the competition and the awards event. Already University Aviation Association, Airport Council International – North America's HR Committee, and the Northeast Chapter of American Association of Airport Executives have expressed support.

The question asked of participants will be this: Tell how you can apply lessons from acts of courage and resiliency shown by aviation employees profiled in "Reclaiming the Sky" to help you overcome Covid 19 challenges and help get aviation moving forward. For those who are aviation students, tell how the heroes' lessons can help you overcome Covid-19 challenges to become an aviation leader when you enter the industry.

A book fund will make books available free to airport and airline workers and students who wish to participate. All profits from the sale of the book on Amazon go to support aviation charities.

Full details on the program will be announced at the formal launch of the project in January, 2021. For more information and to become a sponsor for the book fund and support the program administration, contact Tom Murphy at tom@edge4vets.org.



ALSIM Opens New France Production Facility

ALSIM, the 26-year-old global flight simulator manufacturer, has opened a brand-new production facility in order to meet growing demand. Located next to its historical factory in Le Loroux-Bottereau, approximately 230 miles SW of Paris, ALSIM currently has clients in more than 50 countries.

The new facility is fully equipped with modern installation allowing ALSIM to produce up to 10 simulators at the same time. The reorganized and more synergized production, similar in design to larger aircraft manufacturers, now incorporates the hardware engineering team, enabling smoother and more efficient work. This, in turn, ensures greater manufacturing reliability and further increases simulator quality.

"Upholding our spirit of innovation at ALSIM, we remain fully engaged in offering simulators at the cutting edge of technology. We are continuously reinventing ourselves and our devices and this new production facility marks an important milestone in our company's development and a significant industrial advancement," says Jean-Paul Monnin, CEO.



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MORE INFO

Data Collection Survey Project for Safety Culture in Collegiate Aviation: A Cross-sectional Analysis Between Multiple Universities

A search for participants is in progress to analyze variables that have contributed to the success of minority students graduating from collegiate aviation flight programs within the last ten years. This study will ask participants that fit the target audience to participate in one, maybe two, 45-60 minute interviews to ask them about their experiences in college. Interviews will take place on zoom. The risk to participants is minimal, and it has been approved by Concordia University Texas IRB.

Those who classify as a minority and have graduated from a collegiate flight program after 2010 who are interested in helping educators and administrators understand what helped them succeed and what acted as barriers, are encouraged to contact elisabeth.murillo@ctx.edu. Prospective participants will then receive an email with more information about the study and an informed consent form required to proceed.

https://und.qualtrics.com/jfe/form/SV_09dkmAhbpQQkHGJ



UAA Career Fair Second Wednesdays

UAA held their 5th virtual career fair on September 9 and 10 via the web. Our virtual career fair series is designed to help you expand our airline knowledge while allowing you to meet multiple airlines representatives-all from the comfort of your computer.

This past webinar had presentations from Piedmont Airlines, PSA Airlines, Mountain Air Cargo, Memphis Shelby County Airport Authority, and the U.S. Air Force.

The first step in successful networking is making contacts, and that means locating people who are already established in the aviation industry. The topic on everyone's mind was the current and near future employment outlook.

Highlights also included an abundance of information on post-graduation, internships, job expectations, license and hours, and leadership experience.

This event was an opportunity for collegiate aviation and flight school students to network with multiple airline recruiters in a single 2-hour session. Human Resource professionals, from three airlines, contributed their time to reach out via EZTalks. More than 200 students and young professionals were in attendance, logging on from 11 countries across the globe.

Second Wednesday is Virtual Airline Career day every month. Block your calendar.

Registration is open for all dates.

Upcoming Dates 10:00 am Central:

[October 14](#) • [October 15](#) • [November 10](#) • [November 12](#) • [December 9](#)



Yavapai College Unmanned Aircraft Systems Program Selected for FAA Training Program

Yavapai College (www.yc.edu) announced today that the Federal Aviation Administration (FAA) has selected its UAS Drone Program for the Unmanned Aircraft Systems-Collegiate Training Initiative program or the UAS-CTI.

"This opportunity is going to provide

more exposure to our students and our program," YC Aerospace Science Professor Matt Mintzmyer said, "which will ultimately lead to more jobs and options for graduates of our program."

The FAA's UAS-CTI program recognizes institutions that prepare students for careers in unmanned aircraft systems (UAS), commonly referred to as drones. In order to qualify for the initiative, schools must offer a bachelor's or associates degree in UAS or a degree with a minor, concentration, or certificate in UAS. Schools must provide curriculum covering various aspects of UAS training, including hands-on flight practice, maintenance, uses, applications, privacy concerns, safety, and federal policies concerning UAS.

Established in 2016, Yavapai College's Unmanned Aircraft Systems Program instructs students in the design, production, piloting and repair of drones. From its home on YC's Career and Technical Education Campus near the Prescott airport, UAS students fly specialized industrial missions to learn the ever-expanding uses of drone technology. Yavapai College drones have flown a wide variety of community missions; photographing homes for real estate companies, inspecting solar panels for defects or agricultural fields for drought or drainage issues, or assisting first responders with the logistics of search and rescue.

UAA Message Boards

Check Out UAA Message Boards on COVID-19 and Other Topics on Our Website

Flight Training During COVID-19: Information and resource sharing for flight training institutes during the COVID-19 pandemic.

Navigating the CARES Act: Please use this message board to discuss topics related to how your program is using the CARES Act to address financial needs of students or flight training providers. We would like to share best practices for areas such as flight instructor support and funding to offset the additional student flight costs incurred due to suspension of training and the anticipated need for some additional training flights, simulator sessions, etc due to loss of proficiency.

Serving Veterans: Discussion board for flight training schools that are VA approved and serving Veterans, or those working through the approval process. Topic areas include regional differences and nationwide commonalities that impact collegiate aviation and dealing with students approaching/hitting FAA minimum hours.

University Promotion and Tenure During Pandemic: Academic institutions are having to make tenure decisions in a fluid and unprecedented environment. Share how your university is addressing the traditional metrics that include research, invited lectures, and conference presentations. Will yours be choosing to extend tenure and promotion timelines or adjust their standards for promotion and tenure?

FAA Press Release

WASHINGTON – U.S. Secretary of Transportation Elaine L. Chao announced today that the Trump Administration will award \$335 million in airport safety and infrastructure grants through the Federal Aviation Administration (FAA) to 80 airports in 25 states.

“Airport infrastructure projects funded by this \$335 million in federal funding will advance safety, improve travel, generate jobs and provide other economic benefits for local communities,” said U.S. Transportation Secretary Elaine L. Chao.

A complete listing of grants (PDF) and an interactive map of airports receiving funding is available on the FAA website.

The total includes \$300 million from the Airport Improvement Program (AIP) and \$35 million in Coronavirus Aid, Relief, and Economic Security (CARES) Act grants to equal a 100 percent federal share.

“These 61 AIP grants will allow airports around the country to begin and complete projects that are vital to the safe and efficient operation of our nation’s airports,” said FAA Administrator Stephen M. Dickson.

The grants will be used for a variety of critical infrastructure and safety projects. The projects include purchasing aircraft rescue and firefighting equipment, constructing runways and taxiways, repairing runways and taxiways, installing aircraft lighting and signage, conducting airport master plan studies, and installing airport perimeter fencing.

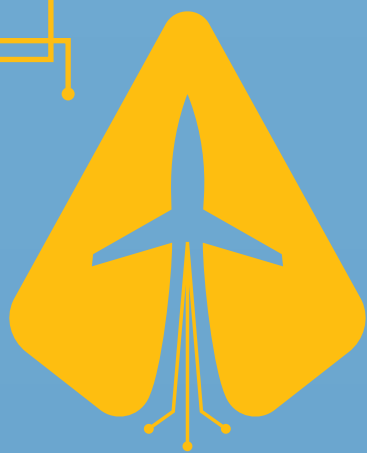
Since January 2017, the Trump Administration has delivered \$14.5 billion to America’s airports to improve infrastructure and safety. Additionally, this year the Administration has delivered \$10 billion in economic assistance to America’s airports under the CARES Act to respond to the COVID-19 public health emergency.

[Contact FAA.](#)

Virtual Career Fair Webinars **Now on Youtube**

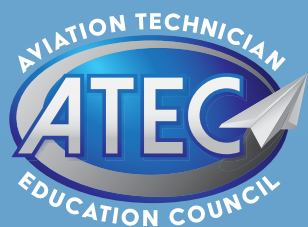


<https://www.youtube.com/channel/UCL3jgb4QMa0SOHRcHHmyA7A>



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\$2,500 SCHOLARSHIP

Scholarship totaling \$2,500 available to an aviation maintenance technical program student, awarded thanks to the generous contributions of founding steering committee members.



DALE HURST MEMORIAL SCHOLARSHIP

The scholarship provides transportation and per diem funds, up to \$1,500, for an AMT instructor to attend a one- to three-day airline manufacturer, vendor or other industry aviation maintenance workshop, seminar, or training course.

AVIATION MAINTENANCE TECHNICIAN SERIES TEXTBOOKS

Each of five available textbook sets, valued at \$585 per set, includes Introduction to Aircraft Maintenance, Aircraft Structural Maintenance, Aircraft System Maintenance, and Aircraft Powerplant Maintenance.

AVIONICS TEXTBOOK SET

Each of five available textbook sets, valued at \$345 per set, includes Fundamentals of Aircraft Electronics, Beyond the AET, Instruments and Auxiliary Systems, and Systems and Troubleshooting.



A&P TEXTBOOK SET

Each of three available textbook sets are valued at \$269 per set. The textbook set includes 8083-ATB Textbooks, 8083-ATB Test Guides, AC-43.13, and FARS. The student recipient has the option of receiving these items in print or ebook format.

EASA PART 66 B1.1 AIRPLANE/ TURBINE STUDY SET

Each of two available sets are valued at \$525 and contains the 13 required study modules for B1.1 international licensing.

EASA PART 66 B2 AVIONICS STUDY SET

Each of two available sets is valued at \$495 and contains the 12 required study modules for B2 international avionics licensing.



\$1,000 SCHOLARSHIP

Scholarship totaling \$1,000 available to an aviation maintenance technical program student, awarded in the name of ARSA.



\$1,000 SCHOLARSHIP

Scholarship totaling \$1,000 available to aviation technical student, awarded in the name of ASA.

A&P TEXTBOOK AND EBOOK SET

This textbook set (valued at \$479.50) includes both the print and digital versions of all four volumes of the Dale Crane AMT Series, all of the FAA AMT Handbooks for General, Airframe, and Powerplant, the FAA AC 43.13-1B and -2B, and an ASA 2020 FAR for Aviation Maintenance Technicians.



AVIATION MAINTENANCE TRAINING SYSTEM

The training system includes a Model 130ST Trainer, a Model 1438G Fundamentals of Aviation Maintenance Technology Program, a Model 1438P Aircraft Electrical Programs with experiment card set, and a Basic ten (10) Student Software License that includes a learning Management system and student monitoring system. The award includes a one-year software support warranty and a 5-year hardware warranty. The value of this award is \$13,385.00.



ASTM/NCATT AIRCRAFT ELECTRONICS TECHNICIAN CERTIFICATION EXAM

Recipients will receive test fees for the NCATT AET exam and one endorsement exam (Dependent Navigation Systems (DNS), Radio Communication Systems (RCS), Autonomous Navigation Systems (ANS), or Onboard Communication and Safety Systems (OCS)). The total award value is \$310.

CHOOSE AEROSPACE, INC. is a 501(c)(3) partnership of aerospace stakeholders, created to spur interest in aerospace careers, and identify and implement solutions to workforce challenges.



PIEDMONT

To all of our current and future team members-
thank you for placing your trust in us. While this situation is continually evolving, our mission remains the same. We're committed to a culture of caring, compliance and communication. We're in this together.

News & Updates



Diamond DA20-C1 Relaunched With New Instrument Panel

The high demand for single engine training aircraft has led to the return to production of the Diamond DA20-C1, powered by a 125HP Continental IO-240 engine and equipped with new state-of-the-art G500TXi Avionics.

With over 1,000 DA20's already operating worldwide, the strong desire for lower cost new single engine aircraft in training environments continues. The DA20 is proven to be the safest and most efficient aircraft for primary training, and fleet operators are raving about its return to production.

"We are excited to re-introduce the brand new DA20-C1," says Scott McFadzean, CEO of Diamond Aircraft Industries Inc., "Our innovative DNA is of course incorporated into the new aircraft, which showcases the latest Garmin avionics."

The DA20 was originally introduced in 1992 and exists in two variants, is certified as a utility category aircraft and is popularly used for primary training with the ability to do spin training. With nearly 7,000,000 flight hours across the DA20 fleet in the world, it is a high utilization aircraft, with unlimited lifetime on the airframe and unparalleled value retention.

The first brand new 2020 DA20-C1 were delivered in August 2020; Diamond is currently taking new orders for delivery in 2021.



Reopening Aviation Programs - 12:00pm Central

October 9th - <https://www.eztalks.com/j/45678955>

October 23rd - <https://www.eztalks.com/j/37622425>

November 6th - <https://www.eztalks.com/j/60745852>

November 20th - <https://www.eztalks.com/j/77975793>

December 4th - <https://www.eztalks.com/j/21476160>

December 18th - <https://www.eztalks.com/j/65733191>



<https://issuu.com/universityaviationassociation/docs/8035-16712-1-pb>



Eastern Michigan University Aviation Program Signs 5-Year Partnership Agreement With Crosswinds Aviation

The Eastern Michigan University Aviation Program, part of the College of Engineering and Technology, has signed a 5-year partnership agreement with Crosswinds Aviation, a flight training school dedicated to having a transformative impact on the lives of youth beginning careers in aviation.

"We are thrilled to partner with Crosswinds Aviation and know that this strategic partnership will ultimately ensure that Eastern Michigan University aviation students can graduate with the highest standard aviation education and training," said Dr. Jerard Delaney, Aviation Program Coordinator. "Crosswinds' resources, access to the latest avionics technology, and its commitment to encouraging middle and high school students to careers in aviation is a natural fit with Eastern's commitment to shaping the next generation of leaders -- in aviation and otherwise."

The new partnership will add a variety of benefits to the Eastern Michigan University Aviation Program. With three locations in the Livingston County Spencer J Hardy, Flint Bishop and Oakland County International Airports, Crosswinds Aviation will offer easier access for commuter students in Livingston, Genesee and Oakland counties. With plans to add a Willow Run location in the near future, EMU Aviation students will soon have four convenient locations for training instead of one.

Crosswinds Aviation will also provide students the opportunity to flight train in a wider variety of aircraft, including the Diamond DA20/DA40 and Cessna 172. The hands-on training in multiple aircraft will ensure EMU Aviation students are well-versed in different aircraft upon graduation and entering the field.

With a commitment to opening the doors for students who have the desire and passion to fly, Crosswinds also has a High School Flight Program, which exposes students to many aspects of the aviation industry. The program has been in existence since 2013, with Flint Bishop Airport most recently offering the program. More than 80 high school students having completed the high school training program have continued on to EMU for their aviation degree.

"At Crosswinds Aviation, we are committed to working with young students and helping them get started on their aviation career," said Crosswinds Aviation owner, Matt Dahline. "The partnership with Eastern Michigan University will allow us to connect with, and help, even more students beyond high school who desire a career in aviation. We look forward to the opportunities this partnership will open up for aspiring pilots."



Marshall University Announces New Progress for its Aviation Maintenance Program

Marshall University moved a step closer Wednesday to the takeoff of its new aviation maintenance program by announcing the diploma will bear the names of two schools.

Marshall's board of governors said the two-year degree program will be the first of its kind in West Virginia.

President Jerome Gilbert said in a news release this is the first time a student will be able to receive a degree with both Marshall and Mountwest Community and Technical College names attached.

The program will be housed at Tri-State Airport.

In February, the Marshall Board of Governors gave the go-ahead for the purchase of two \$500,000 airplanes for student training along with a \$175,000 plane with cable controls used for teaching spin maneuvers.

"We are working with Tri-State Airport to put the final ink on the lease for this program, which we hope to begin in fall 2021," Gilbert said. "We plan to have two hangars; one will undergo renovation, while the other is in pretty good shape."

Gilbert also said the board is talking with Yeager Airport about housing for students entering the fixed-wing commercial pilot four-year degree program that will be housed at both Yeager and Marshall's South Charleston campus.

News & Updates



Regional Cargo Carriers Announce Scholarship Programs

Applications are now open for the Regional Air Cargo Carriers Association (RACCA) scholarship applications designed to help aspiring pilots, aircraft maintenance technicians (AMT) and airline managers to pursue their careers.

"Despite the pandemic, accelerated retirements will mean workforce shortages will return and become more acute when the industry recovers," said RACCA President Stan Bernstein. "This is not the time to stop your education and we need to ensure funding is available to help students overcome the barriers associated with the high cost of an aviation education. In recent years, we have helped students pursue AMT, airline management and pilot careers. Ensuring funding is available is an important part of the RACCA mission."

The RACCA Aviation Scholarships were established for the purpose of promoting and assisting in pursuing aviation as a career choice and to make students aware of the opportunities in the air cargo industry. RACCA, representing 50 air cargo carriers, many of which feed the FedEx, DHL and UPS networks, provides scholarships to assist in the payment of tuition, flight training, or to obtain new or additional licenses. The organization makes four awards each year in November.

Bernstein noted flying for a RACCA carrier is a valuable way to build flying

time because it gives pilots experience in flying to a schedule, inclement weather, dealing with inflight and procedural issues surrounding cargo as well as night flying, operating in busy airspace, cockpit resource management issues and required recordkeeping, all of which are part of airline operations. One of the most important things an aspiring pilot can do to build time is to maintain the professionalism and discipline they had as a student.

To qualify for the scholarships, applicants must be:

- A college student currently enrolled in an accredited aviation program.
- A resident of the United States.
- Currently carry a Grade Point Average of at least 3.0 on a 4.0 scale.

Scholarship #1 will carry the additional requirement of obtaining a letter of introduction from an existing RACCA member or RACCA associate member since the goal is for candidates to learn about the air cargo industry. If there is a RACCA member or associate member in a candidate's immediate area, candidates should arrange to visit their operation and become familiar with all the opportunities in the growing air cargo industry. If there is no member close, candidates should call a member and tell them who they are and ask questions about the air cargo industry.

Deadline for Applications:
October 15, 2019

New Members

Professional

Steve Cusick
Florida Institute of Technology

Student

Alexey Pertov
Green River College

Shantanu Gupta
Purdue University

Student Job Opportunity



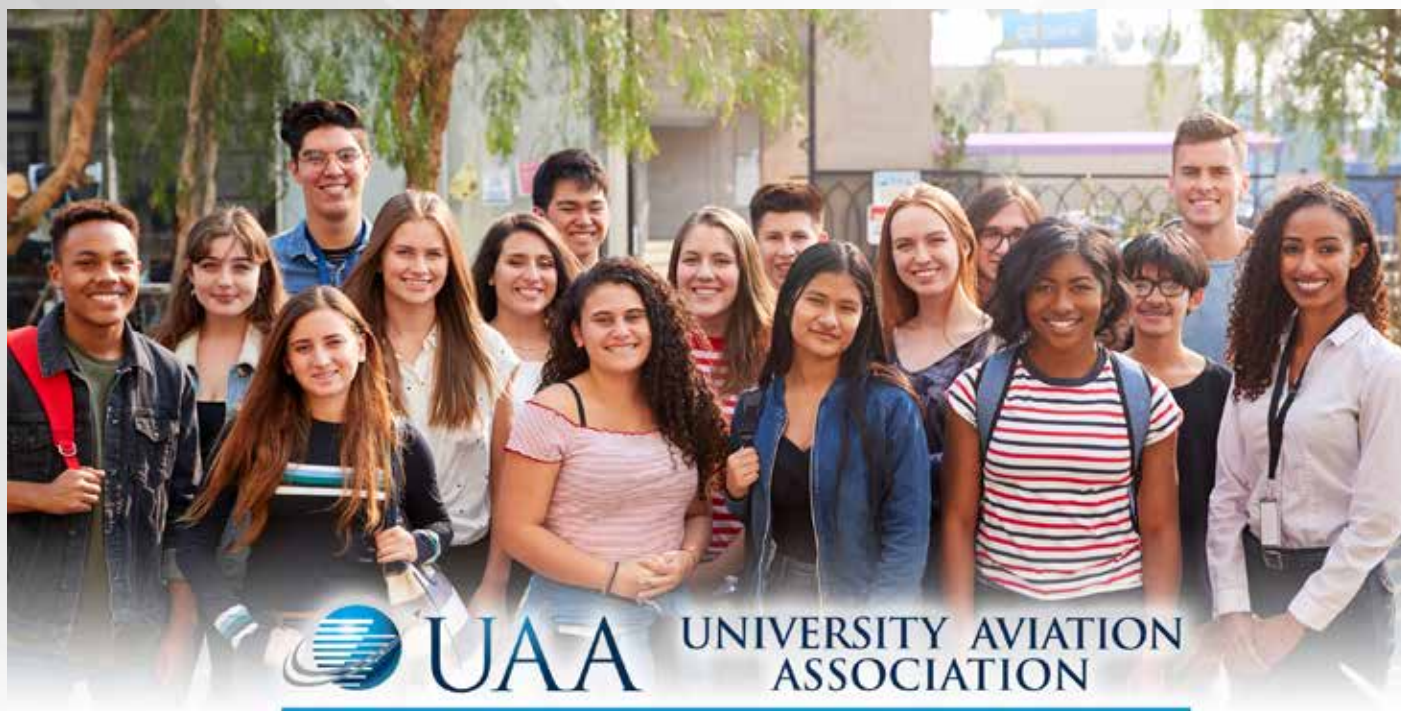
We are working to expand our library of video tutorials for AIRPORT Online and it has been proven that past students who have worked with the software are the ideal candidates for this type of work. Their understanding of the application gained through learning and assessment provides them with good insight into the needs of fellow students and the knowledge to speak confidently about the application and functionality.

If you have any students who have completed a course using AIRPORT Online with a deeper understanding of the simulation and are interested in some short term work, please ask them to email admin@simulate.aero with a short summary of experience.

We are planning to have the video tutorials completed for AIRPORT Online by end of July.



Airline and Airport Management Simulations
www.simulate.aero



What is UAA?

The University Aviation Association (UAA) is the voice of collegiate aviation education to its members, the industry, government and the general public. Through the collective expertise of its members, this nonprofit organization plays a pivotal role in the advancement of degree-granting aviation programs that represent all segments of the aviation industry.

Today, UAA has more than 600 members, including approximately 200+ institutions worldwide. Through doing research, publication, and the sharing of best practices, the organization and its members are well equipped to meet the evolving needs of the aviation industry and the 21st century.



UAA provides a forum for students, faculty, staff, and practitioners to share ideas, to enhance the quality of education, and to develop stronger programs and curricula.

If you want to ensure the quality of collegiate academic programs, UAA is for you. If you want to benefit from the technical expertise and knowledge of professionals from academia and industry, UAA is for you. If you want to influence curricula development, industry standards and aviation policy, UAA is for you. If you want to have an impact on the future of aviation, UAA is for YOU.

Benefits of Membership

	INSTITUTIONAL	HIGH SCHOOL	PROFESSIONAL	ASSOCIATE	CORPORATE	STUDENT
EDUCATIONAL PROGRAMMING	✓	✓	✓	✓	✓	✓
LEADERSHIP OPPORTUNITIES	✓	✓	✓	✓	✓	✓
MONTHLY NEWSLETTER	✓	✓	✓	✓	✓	✓
NETWORKING WITH AVIATION PROFESSIONALS	✓	✓	✓	✓	✓	✓
PROFESSIONAL DEVELOPMENT OPPORTUNITIES	✓	✓	✓	✓	✓	✓
PUBLICATION DISCOUNTS	✓	✓	✓	✓	✓	
PEER-REVIEWED JOURNAL	✓	✓	✓			
AWARDS PROGRAM	✓		✓	✓	✓	
INSTITUTIONAL REVIEWS	✓	✓				
SCHOLARSHIPS	✓					✓

Scholarship Opportunities

Helene Overly Scholarship

DEADLINE: October 28, 2020

Scholarship Criteria:

Open to all women. Must have a GPA of 3.0 or higher. Currently attending a junior college, trade school, college or university in Oregon or Southwest Washington. Currently enrolled in a junior college /trade school program, undergraduate or graduate.

Contact

1701 K Street NW, Suite 800
Washington, DC 20006

www.wtsinternational.org

Dodie and David Riach Memorial Scholarship

DEADLINE: October 31, 2020

Scholarship Criteria:

The scholarship is open to both men and women. Must be at least a student pilot or pilot who is trying to further their aviation goals, attain a PPL or additional ratings. Training must be in New Jersey.

Contact

1338 Wood Valley Road
Mountainside, NJ 07092

www.nj99.org

Fran Sargent Scholarship

DEADLINE: October 31, 2020

Scholarship Criteria:

Applicants must have an Instrument Rating and able to attend the ground school and SIM training.

Contact

PO Box 1308
Stuart, FL 34995

www.flgoldcoast99s.org

Grant Opportunities

National Science Foundation

DEADLINE: October 6, 2020

Grant: Historically Black Colleges and Universities - Excellence in Research

<https://www.grants.gov/web/grants/view-opportunity>

Employment and Training Administration

Department of Labor

DEADLINE: October 8, 2020

Grant: Strengthening Community Colleges Training Grants

<https://www.grants.gov/web/grants/view-opportunity>

National Institutes of Health

Department of Health and Human Services

DEADLINE: January 7, 2021

Grant: NINDS Ruth L. Kirschstein National Research Service Award (NRSA) for Training of Postdoctoral Fellows (F32 Clinical Trial Not Allowed)

<https://www.grants.gov/web/grants/view-opportunity>

Dept of the Army - Material Command

Department of Defense

DEADLINE: April 30, 2024

Grant: Department of Defense Research and Education Program for Historically Black Colleges and Universities and Minority-Serving Institutions (HBCU/MSI)

<https://www.grants.gov/web/grants/view-opportunity>

National Institutes of Standards and Technology

Department of Commerce

DEADLINE: Rolling Applications

Grant: NIST Public Safety Innovation Accelerator Program (PSIAP) – Follow-on Funding for Technical and Business Assistance and Demonstration Projects with Public Safety Agencies

<https://www.grants.gov/web/grants/view-opportunity>



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UAA Virtual Airline Career Fair

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October 14 - Industry Highlights

<https://www.eztalks.com/r/992682170>



MOUNTAIN AIR CARGO, INC.

Hillary Patterson
Cargo



Maj Afton Brown
Military



Jennifer Xiong
Passenger

October 15 - Career Options

<https://www.eztalks.com/r/992682170>



MOUNTAIN AIR CARGO, INC.

Liz Stephenson
Maintenance



Daniel Lautrup
ATC



Olivier Goudreau
Pilot



Brian DiLorenzo
Interview Tips

Contact **Laura Swanson** about presenting at 901-563-0505 or hello@uaa.aero

Career Opportunities

Embry-Riddle Aeronautical University Assistant/Associate Professor

Tenure Track Aeronautical Science Faculty for Fall 2020

The Aeronautical Science Department in the College of Aviation (COA) at Embry-Riddle Aeronautical University—Daytona Beach invites applications for tenure track positions at the rank of Assistant/Associate Professor to teach in the Aeronautical Science undergraduate program.

The Aeronautical Science Department hosts the largest degree program for professional pilots in the world and houses three undergraduate degrees focusing on professional aviation. At the Daytona Beach Campus, the B.S. in Aeronautical Science degree program blends flight training with academic study to provide a firm foundation in airlines, corporate and commercial aviation, or military aviation. In addition to a comprehensive academic and general education core, the curriculum includes FAA certification as a multi-engine, instrument-rated commercial pilot. Teaching excellence is our top priority along with applied research in aviation related areas. Key to our mission is providing effective mentoring and advising to our students as they prepare to enter the industry. The Aeronautical Science program is accredited by the Aviation Accreditation Board International (AABI).

These positions require a broad base of aviation knowledge and experience. Teaching areas will be in FAA approved private, instrument, and commercial courses leading to students successfully passing the knowledge tests required to obtain the specific FAA certificates. Courses may also include, but are not limited to, teaching upper level courses in safety, flight and cockpit resource management systems and concepts. There may be opportunities to teach jet transport aerodynamics and performance as well as jet transport systems, turbine engines, and airline operations. In addition to teaching responsibilities, duties will include curriculum development and committee participation on Department and University levels. The candidate will also have a strong interest in pursuing scholarship and professional activities appropriate to advancing aviation education and aviation interests in the industry. These nine-month term, tenure track positions will begin August 12, 2020.

Applicants should include a resume/CV and a cover letter on aviation experience as well as academic qualifications that demonstrate a fit with the department and position.

Please submit all materials online at
<https://embryriddle.taleo.net/careersection/002/jobdetail.ftl>

Florida Institute of Technology Aeronautical Science Faculty Vacancies

Positions: The College of Aeronautics is seeking full-time faculty members for the undergraduate aeronautical science and graduate applied aviation safety programs. Selected applicants must be in place for the Fall 2020 semester.

Responsibilities (priority order):

- Teach three or more of the following courses:
 - Private pilot ground school.
 - Instrument rating ground school.
 - Commercial pilot ground school.
 - Instructor pilot ground school.
 - Airline transport pilot and dispatcher ground school.
 - Aerodynamics.
 - Aviation Safety.
 - Aviation Physical Science.
- Teach graduate courses according to qualifications.
 - Teach selected courses in international and domestic extended-campus programs.
- Advise students on academic matters and career planning.
 - Serve on division, school, and university committees as assigned.
 - Obtain external funding for and conduct research in contemporary aviation-related issues.
 - Supervise graduate students conducting research.

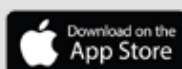
Minimum Qualifications:

- Graduate degree in aeronautical science, aviation or related field
- Experience in fields applicable to aviation.
- Teaching experience.
- FAA Advanced Ground Instructor (or Certified Flight Instructor) and Instrument Ground Instructor (or Certified Flight Instructor Instrument) certificates.
- Ability to apply current instructional technology in classroom and distance learning.

To Apply: Qualified applicants should submit letter of application noting specific qualifications and interests related to the list of responsibilities above and resume or CV to College of Aeronautics, Margaret Wallace, 150 W. University Blvd., Melbourne, FL 32901-6975, Fax: (321) 674-8059, e-mail: mbrowning@fit.edu.

UAA MOBILE APP AVAILABLE NOW

The UAA app gives you access to 600+ members on the fly. Contacts, membership number, and invoices. Or join as a new member. Right from your phone. This app also has bonus content that will connect our members to the community by allowing them to publish press releases, and events while on the go. To get started, downloads available from Google Play store and the iTunes App Store.



Career Opportunities

Ozarka College

Aviation - Certified Flight Instructor (CFI)

Ozarka College seeks applicants for an Aviation – Certified Flight Instructor. The Aviation – Certified Flight Instructor, acting under the direction of the Director of Aviation, provides flight instruction primarily in Cessna 172N, 172 RG and Barron B55 aircraft. Full and non-motion Red Bird simulators, and a full range of freshman and sophomore aviation courses including, but not limited to: Fundamentals of Aeronautics, Air Traffic Control, Human Factors and Safety, Advanced Aerodynamics and Performance, FAA Regulations and Publications, and Aviation Weather, Private Pilot, Instrument and Multi-Engine Certification. This position is primarily a flight instruction position, with classroom teaching responsibilities at the Melbourne Arkansas Municipal Airport (42A) and the Melbourne campus, and may include day, evening, and online classes. Melbourne AR is located in beautiful Northern Arkansas and offers a very low cost of living. Build flight hours while working in an exciting, student-centered environment.

Application

Salary is commensurate with education and experience. This position is a 9-12 month position (negotiable). For more information, please visit the Ozarka College website at www.ozarka.edu/hr. To apply, submit a detailed letter of application, an Ozarka Employment Application, résumé, flight experience attachment, unofficial copies of transcripts, and names, addresses, and phone numbers of three professional references to: Office of Human Resources, Ozarka College, P. O. Box 10, Melbourne, AR 72556.

Southern Utah University

Assistant Professor of Aviation

Positions: Southern Utah University in Cedar City, Utah, is seeking applications for a non-tenure track Assistant Professor of Aviation in support of the successful and rapidly growing Department of Aviation Sciences.

The individual in this position will teach aviation courses related to the Aviation AAS degrees, the B.S. in Aviation Sciences degree, and aviation courses in the Master of Integrated Studies degree. A Master's degree or equivalent industry experience is required. This position will start August 24, 2020. See additional details in the job posting on the Southern Utah University employment website.

<https://suu.applicantpro.com/jobs/1346295.html>

University of Dubuque

Assistant Chief Flight Instructor

The University of Dubuque offers an excellent benefits package including tuition remission, paid holidays, vacation and sick time, and a retirement match.

Primary Responsibilities:

- Fixed-wing flight training and related activities for the Flight Operations program
- Administer Stage Checks and Check Rides
- Assist the Chief Instructor in managing training activities, Training Course Outlines (TCO) and ensure compliance with record keeping
- Mentor and supervise Flight Instructors
- Ensure compliance with Title 14 CFR applicable to flight training, other regulatory policies and the Safety Management Systems
- Assist the Director of Safety & Operations on safety and security related responsibilities
- Perform other duties in support of the aviation department and the University's mission

Minimum Requirements:

- Bachelor's degree in aviation or related field; Master's degree preferred
- Meet FAA recent flight experience requirements pursuant to FAR part 141.36 and 61.57
- Meet all FAR Part 141 Assistant Chief Flight instructor requirements for Private and Instrument certificates. Preference given to candidates meeting the Commercial, Multi-Engine and/or Flight Instructor certificates and ratings
- Worked for a minimum of 1 year as a Flight Instructor within a Part 141 flight school or collegiate flight training environment; or currently working as an Assistant Chief Instructor in a flight training school
- Current FAA Flight Instructor Certificate (CFII and MEI) in Fixed-Wing aircraft and a current FAA flight medical
- Effective communication skills; both orally and written
- Exceptional skills using Microsoft Office
- Valid US driver's license

The University of Dubuque is a private, Presbyterian, coeducational, professional university with a foundation in the liberal arts. Our commitment is to nurturing the mind, body, and spirit as well as encouraging students to explore their fullest potential, is part of a rich Christian identity that dates back to the University's founding in 1852. The Aviation Department manages three Aviation Programs that provide students with the academic and professional tools needed to success in all segments of the Aviation Industry.

To apply for the Full-time Assistant Chief Flight Instructor–Fixed-Wing position, please submit a cover letter, resume, three professional references, and UD employment application, located on our website (<http://www.dbq.edu/AboutUD/Employment/Jobs/>), to HR@dbq.edu or to the Director of Human Resources, at the University of Dubuque, 2000 University Avenue, Dubuque, IA 52001.

Applications from qualified persons with diverse backgrounds and cultures, including women and persons of color, are welcomed. AA/EEO

For additional information about career opportunities, visit the universities' links or https://www.uaa.aero/career_opportunities.php#ksp

Career Opportunities

Southern Illinois University

Aviation Management Program, Assistant Lecturers (Variable Time) Distance Education

The Aviation Management Program in the College of Health and Human Sciences (HHS) at Southern Illinois University Carbondale seeks qualified applicants for an Assistant Lecturer position. This is a part-time, term, non-tenure track faculty appointment within Aviation Management's extended-campus program. Courses are held at extended-campus location(s) across the United States.

Required Qualifications: Master's Degree in an academic area appropriate to the course(s) being taught; postsecondary teaching experience as lead instructor responsible for the course; military training and/or related civilian aviation industry experience; ability to travel to specified location to teach specified course(s). Applicants may be subject to background check for military site access.

Responsibilities: To teach Fiscal Aspect of Aviation Management and one or more of the following courses: Aviation Management Writing and Communication, Aviation Industry Regulation, Airline Management, Legal Aspects of Aviation, Aviation Maintenance Management, Aviation Safety Management, Aviation Industry Career Development, and writing intensive Independent Study classes. To engage in other assignments as determined by the chair of the department.

Application Deadline: October 2, 2020 or until filled.

Application Procedure: Visit <https://jobs.siu.edu/> to create an account and apply.

Required Documents: To apply, upload letter of interest that identifies two courses you feel qualified to instruct; current vitae/resume, and names, addresses, and phone numbers of three references

Contact for further information: Rhonda Ferguson

Contact email: rferguson@siu.edu

University of North Dakota

Assistant Professor - Aviation

The University of North Dakota, John D. Odegard School of Aerospace Science, invites applicants for 5 Non Tenure-Track, Assistant Professor positions in the Department of Aviation. Requires a Master's Degree in aviation related field, Ph.D., Ed.D., or J.D. preferred; and 1 year professional experience in the aviation field. Position is full-time, 9-month with excellent benefits package. Salary is commensurate with experience.

Additional information and apply at:

<https://campus.und.edu/human-resources/careers/job->

Southern Illinois University

Assistant Instructor

Position Summary: The Department of Aviation Management and Flight seeks applicants for flight instructor positions in SIU Carbondale's Aviation Flight program. These are term, non-tenure track appointments.

Duties and Responsibilities: To provide individual flight instruction to students enrolled in Aviation flight courses, including preflight/post-flight inspections as well as maintaining the training records of assigned students. To assist faculty as needed in teaching aeronautical and aircraft systems classes leading to FAA Pilot Certificates and Ratings. To engage in other duties as determined by the Chief Flight Instructor.

Minimum Qualifications:

- Bachelor's Degree
- FAA Commercial Pilot Certificate with Instrument Rating
- FAA Certified Flight Instructor-Airplane Certificate (CFI)

Prior to date of hire, official academic transcripts must be received. Certified Flight Instructor-Instrument Airplane Certificate required (CFII) within four months from date of hire. Cannot be "Instructor of Record" for any Aviation class until CFII is earned.

Preferred Qualifications:

CFII, FAR 141 experience within a University flight program.
Master's degree.

Flight instructors are hired based on the needs of our flight program. Applications are continually evaluated throughout the year, with first review beginning July 29, 2020. Because our needs can change quickly, having your application completed and available for review is beneficial.

Application Procedure: Visit <https://jobs.siu.edu/> to create an account and apply.

Required Documents: Cover letter, resume, certifications

Contact for further information: Rhonda Ferguson

Contact email: rferguson@siu.edu

Contact phone number: 618-453-9245

SIU Carbondale is an Affirmative Action/Equal Opportunity Employer of individuals with disabilities and protected veterans that strives to enhance its ability to develop a diverse faculty and staff and to increase its potential to serve a diverse student population. All applications are welcomed and encouraged and will receive consideration.

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Send us a note to hello@uaa.aero and we will get it on Facebook or in the next newsletter. Photos are welcomed!

For questions contact 901.563.0505 or address your questions to hello@uaa.aero

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