Table of Contents

Page 2: Introduction to Aviation Technologies – Matthew Harrison
Page 3: Unmanned Aircraft Systems – Thomas Roy
Page 4: Boeing Simulator – Drew Buerck
  SIU Fly-In – Abbie Parsons
  FOD Proofing the Test Cell – Thomas Swehla
Page 5: Women in Aviation – Amelia Phillips
Page 6-7: United Airlines Career Day 2017 – Michael Bacha
Page 8: Aviation Management Society – Dalton Thompson
Page 9: B-29 Internship – Joshua Cargille
  New Drone Workshop – Harry Fanning
Page 10: Detail Dawgs Aviation Maintenance Competition Team – Ray Pfaff
Page 11: New Equipment in Aviation Technologies – Harry Fanning
Page 14: Aviation Management Updates – Jose Ruiz
Page 15: Online Course Offerings – Karen Johnson
Page 16: Aviation Technologies Ambassadors – Thomas Swehla
Page 17: Letter from the Editor – Sophie LeGore
Introduction to Aviation Technologies
By Matthew Harrison

Since the beginning of the program for Aviation Technologies in 1965, well over 1,000 students have entered the workforce with their FAA Airframe and Powerplant Certificates as well as other degrees and certifications. Each year roughly 20-30 students have qualified for and obtained the FAA A&P. What’s the advantage? Why earn it at SIU? Most industry aviation technicians will tell you that the A&P gets you the all-important first job. You NEED it in order to be a successful aircraft technician.

At SIU there are some distinct advantages. The program contains two FAA Designated Mechanic Examiners where other institutions may require travel in order to complete the certificate examinations. In addition to the in-house DMEs the A&P graduates usually go on to finish a Bachelor’s degree with an aircraft specialization.

Most students finish the coursework required to qualify for their FAA A&P by the end of their junior year. If they make the effort to test and pass, they have an opportunity to be gainfully employed by the university flight program, as a technician, working on the flight department aircraft. These individuals graduate with a Bachelor’s degree with a specialization and an FAA A&P certificate with almost a year of hands-on technician experience. That’s the resume builder of the lifetime for a new graduate/technician! Couple these items with our successful pool of SIU Aviation graduates in the workforce who are eager to hire our graduates, SIU’s aviation students have more than ample attributes that set them well above other new graduate workforce applicants.
Unmanned Aircraft Systems
By Thomas Roy

AVT-440 “Unmanned Aircraft Systems” is SIU Aviation’s newest course offering. Offered for the first time in Spring 2017, it’s an introduction to all aspects of unmanned aircraft systems (UAS) including regulatory guidance, engineering, maintenance and UAS flight training. The course culminates with completion of the FAA’s Remote Pilot in Command (RPIC) certification.

Known by many terms including remotely piloted aircraft (RPAs), unmanned aerial vehicles (UAVs), and perhaps most frequently “drones,” UAS have exploded in numbers and applications. For this reason, SIU Aviation is offering this course that serves to orient students to the countless career fields and opportunities presented by UAS. These include military and law enforcement reconnaissance, cinematography, precision agriculture, tower and utility line inspection, orthography and mapping, radiological monitoring, emergency medical assistance, package delivery and many more.

During the semester, AVT-440 students learn about the history and evolution of UAS, from the early pre-WWI pioneers to the most current technology, and then explore the many current, and future UAS missions in recreational, business and military domains. They gain practical flying experience flying SIU Aviation’s brand new fleet of quadcopters, including the flagship, a brand new DJI “Mavic Pro” semi-autonomous quadcopter; truly an amazing machine! Students then master an understanding of UAS engineering, materials and maintenance before flowing into concentrated preparation for the very challenging FAA RPIC certification test.

AVT-440 will prove to be a challenging but fun learning experience open to all university students. It will continually evolve with the rapidly growing and ever-changing UAS industry to keep up with new technologies and exciting new career opportunities.
**Boeing Simulator**  
By Drew Buerck

Every pilot I’ve ever met has an obvious love for everything aviation. From flying to just talking about the planes, everyone has a story to tell. To me, the best stories are always the answer to, “What got you into aviation?”

More often than not, kids don’t have access to planes and the aviation life, so we bring it to them. Our hydraulic Boeing simulator is small, and perfect for local events like the Du Quoin State Fair, Women in Aviation’s Girls in Aviation Day, and SIU open houses. Unfortunately, it has seen better days. That’s why it was completely taken apart and repainted last fall. With the new paint job, it’s much more appealing to the eye, and looks like a fun ride like it once did. It can be a good marketing tool for the program and all aspects of aviation.

That’s not the only thing we’re doing to spruce up AvTech, though. We are working this semester to make all new propeller stands for the Props lab, fix the picnic tables outside, and, as always, continue to keep our planes in the best condition we can. I hope that our AvTech program can get kids into aviation and make some great stories for them.

---

**SIU Aviation Fly-in**  
By Abbie Parsons

The Aviation Technologies Ambassadors, along with the help of other SIU aviation student organizations, are organizing the first annual SIU Aviation Fly-in. It will be held on Saturday September 30, 2017 at the Southern Illinois Airport during Parent’s Weekend. There have been many requests from students for more aviation related activities to do with their parents, and we have been wanting to do a fly-in at SIU for a long time now. Everyone is welcome to attend this event, whether they fly in or not. There will be a pancake breakfast for all to attend, and we are hoping to involve a lot of the surrounding communities to show just what SIU has to offer in terms of the aviation industry.

We will be having plenty of events for the whole family to enjoy as well. There will be a car show for anyone who would like to enter and possibly win some prizes. Young Eagle rides will be given with the help of the local EAA chapter, an alumnus from the Aviation Technologies Program will be giving rides in his helicopter, and the National Guard will be bringing some of their vehicles for everyone to check out. Members from each organization will be there to talk with and answer any questions from current or future students who are looking to get more involved.

The Ambassadors will be giving tours through our Aviation Technologies Hangar and the Transportation Education Center for anyone who is interested. We are hoping that this event will bring a lot of attention and interest towards SIU Aviation as a whole.

---

**FOD Protection for SIU Aviation Turbine Test Cells**  
By Thomas Swehla

Our SIU Aviation Test Cell, which is one of the facilities included in the Transportation Education Center, received Foreign Object Debris (FOD) Preventative measures. The measures involved the Thrust and Dynamometer Test cells which house our two operational turbines that students operate and test in the Advanced Thrust course offered in the Aviation Technologies Program’s Advanced Maintenance Specialization. The FOD Preventative measure applied was a rubber sealant applied to the retention nuts in the test cells which retain the sound proofing panels on the walls and ceiling as well as the cell’s lights.

These measures are similar to the ones used in test cells operating around the world. The measures were installed to prevent the possibility of vibrations from loosening the retaining nuts allowing them to fall into the intakes of the turbines. If a retaining nut were to fall into a turbine inlet, it would FOD-out and destroy the engine compromising our ability to test.

The FOD Proofing was highly recommended by our very own Aviation Technologies Alum and GE Aviation Advisory Board member Bruce Brown. Mr. Brown is a longtime employee of General Electric’s Aviation Division located in Evendale, OH, and is currently working in the Test Systems Engineering department developing the test instrumentation on the GE9X Engine in development for Boeing’s new 777x Aircraft.
Women In Aviation (WIA) has had a very busy year. From hosting events at the airport to attending the International Conference in Orlando, Florida, the gals and guys of WIA have certainly been hard at work.

We started the fall semester out with our annual Girls in Aviation Day, a national event held by several other WIA chapters around the country. Shortly after that, we had an opportunity to have breakfast with SIU alum, Christine Gerencher and learn all about the business side of aviation. We held a few fundraisers including a car wash and a bake sale both held at the airport.

We fundraise so we can afford to attend the international conference every spring. This year we were able to take seven members to Orlando, Florida for the conference. Our students were able to talk with future employees including, Gulfstream, Boeing, United, the Navy, the Air Force, Delta, and many, many more. A few of our students were also able to experience the effects of hypoxia in a hypoxia-training chamber. The conference is a fantastic experience for anyone who attends. It will be held in Reno, Nevada next year and we hope to take more students.

The future of WIA is very bright. We have our annual elections coming up with promising new board members. We are also working on creating a summer day camp for young children interested in aviation. The idea for this camp was provided to us by Lorelei Ruiz who, like us, loves to share the wonders of aviation with our future aviators. The camp is designed to take the participants through a week of learning the basics of what it takes to be an aviator. We use the term aviator as a blanket term to include our three programs at SIU, flight, management, and technologies. We want to share a little bit of every aspect to young minds so they have a well rounded understanding of what it means to be a part of aviation.

Pictured Above: Members of the Women in Aviation – Saluki Aviators attend the Women in Aviation International Conference in Orlando, Florida.
United Airlines Career Day 2017

By Michael Bacha

The 2017 United Airlines Career Day is cleared for takeoff! Through the continued support from United Airlines, we are fortunate enough to host a flight crew of alumni and approximately 110 aviation focused high school and junior college students on a flight from Chicago O’Hare (ORD) down to Southern Illinois Airport (MDH) at no cost to them. Perspective students come to tour our aviation programs, beautiful campus, and to learn about the exciting career opportunities in the aviation field. Alumni enjoy revisiting their old stomping grounds, promoting aviation, and a slice of Quattro’s Deep Pan Pizza. The countless hours put into planning an event like this helps to keep relations strong between alumni working in the industry and the department, along with current students.

During the early morning hours on April 22, career day passengers will arrive to Terminal 1 at ORD excited for the day’s activities planned ahead of them. After a quick flight down state to MDH, university officials, department representatives, and all the volunteers that help make this career day a reality will greet passengers. Following a traditional group picture in front of the United A320, students will break up into groups and board buses to tour our campus. After a guided walking tour from Lawson Hall to the Student Recreation Center, students will be brought back to the airport campus for presentations by United employees. These presentations help enlighten the ideas within all the students’ minds about future career possibilities and how to makes those dreams a reality at SIU. Pilots, maintenance technicians, flight attendants, and flight operation specialists will share their unique journey from their first flight or class at SIU to where they currently are employed. It is through these networking opportunities that perspective and current students gain motivation to continue through the hardships they encounter during their academic endeavors. After a quick lunch provided by the SIU chapter of Women in Aviation, students begin their tour of the aviation programs.

Weather depending, a select group of students will get an opportunity to fly in one of our Cessna Skyhawk training
aircraft conducted by our talented faculty flight instructors! These flights will tour the practice areas and give students a chance to see our campus from the sky and the chance to experience first-hand our training fleet. Views of the stunning landscape surrounding Southern Illinois might be a surprise for the Chicagoland folks as Shawnee Bluffs and the mighty Mississippi dominate our skyline! While some students are on introductory flights, others will be seeing the Aviation Technology facilities. These facilities including an aviation test cell, helicopter maintenance hangar, the extensive fleet of maintenance training aircraft (don’t worry, these don’t fly!), and the extensive labs geared toward different components of fixing aircraft. All tours will pass through the weather/dispatch center, flight simulators, air traffic control simulators, and other areas in the Transportation Education Center such as the Library. After the aviation tours, students will start to get ready to head back home to ORD. Post TSA screening, students will receive a free SIU commemorative career day T-shirt, pizza, water, informative literature, and promotional items provided by United.

It is through days like this where we can truly showcase our aviation programs and connections with industry leaders! Aviation jobs are in demand. What better way to recruit students than by offering a FREE flight to Carbondale!? The dedication within department personnel help ensure the Saluki aviation alumni network is prosperous, proving opportunities for current and future Salukis year after year. The future is bright within the industry and especially within SIU aviation. Maybe one day a perspective student on a career day flight will be landing the United aircraft, helping make the aviation dream come true for another individual!

Pictured above is one of our Aviation Technologies Avionics Professor Keven Mitchell demonstrating an Avidyne Display and GPS to a prospective student on United Airlines Career Day 2017.
Aviation Management Society
By Dalton Thompson
The Aviation Management Society has been doing well recently and will be continuing this course moving forward. Within the past few weeks of the 2017 Spring Semester, we have doubled the amount of active members. Along with this, we have been working hard to increase the benefits for becoming a member at a low cost starting at 17 dollars a year.

We have many field trips in the works that are incredible experiences and great networking opportunities. One trip we took in early February was to Chicago O’Hare International Airport to tour American Airlines’ facilities. Our members were able to tour an operations tower, go inside a Boeing 787 Dreamliner, see a pilot crew planning room, see American’s First Class Lounge and look through an American Maintenance Hangar. They met some incredible people on the tour that will likely help them get into the job of their dreams. Our next trip will be to FedEx facilities in Indianapolis, which will be another over-the-top experience for our deserving members.

Aviation Management Society hosting the annual Career Fair and Banquet. More information will be coming out about this soon, but these are two great events that shouldn't be missed. These are perfect opportunities for networking, fine dining at a low price and possibly winning a few scholarships.

To achieve greater member benefits, AMS has been bringing in a multitude of speakers to our weekly meetings on Wednesdays at 5pm in TEC 180. They always provide food while giving info about their respective airline in the industry. Along with speakers, we have been increasing our merchandise stock. We have added hats and window decals to our lineup, and will soon be adding phone cases, new shirts, jackets, and even flight bags. These can all be purchased on our website, along with at the AVM Front Desk. To take a look at all we have to offer, along with purchase some awesome SIU
B-29 Internship
By Joshua Cargille

Spending several weeks as part of the crew of such an historical plane as a B-29 Super Fortress can hardly be anything other than unforgettable, and my experience certainly lived up to expectations. Being rather short of the posted qualifications with only one semester of basic A&P classes behind me, I figured my application was a long shot at best, yet a few months later I somehow wound up crawling, as if in a dream, up and down the length of the most advanced bomber design of WWII. Though hard work was certainly expected of me, it was very much a privilege to be part of the operation, and I was more than willing. These attitudes meant much more than the experience I lacked, as most day-to-day work required involved simple tasks such as cleaning the airplane and helping set up and take down tour equipment. I was also able to be part of the flight operations either as a scanner, monitoring engine, flap, and landing gear operation, or assisting startup from outside the plane as the long line or fireguard.

It was breathtaking from any perspective, to hear and feel the rumble of four 2,000 horsepower radial engines in your chest as the beast taxied by, or to look out the front window in flight with the bombsight in front of you and imagine clouds of flak bursting off the nose. I even got to take the controls of a T-6 briefly, and I could write a whole article just about those 20 minutes. All the training I needed was given, and I was eventually able to help with some inspections and routine maintenance, including tire and spark plug changes. My hard work was appreciated, and they made sure I knew it. I was very well fed and treated by the crew, who were a great bunch of people and a pleasure to work with.

In addition to experiencing things I never dared hope for as a mere college freshman, I was able to gain valuable experience that has already benefitted me in multiple classes, and meet people from various sectors of the aviation industry, not to mention see a couple of seriously awesome airshows. Though the internship is listed as unpaid, the per diem was enough to eat relatively cheaply and still save some back, and I came back with enough left to buy food for a semester. Best of all, I have my foot in the door to go back and do more of everything. This internship was truly a dream come true for me as someone who has wanted his whole life to be involved in Warbirds, and any aviation history buff will find it an incredible experience. That being said, the benefits of this and other internships are more than enough to make it worth the while of anyone willing to put in the work to impress, and have the potential to make a lasting impact on a future career. Even if it seem like a long shot, it’s well worth taking.

New Drone Workshop
By Harry Fanning

Last semester, a cooperative effort between Aviation Technologies Faculty and Aviation Management and Flight Faculty a Drone workshop was developed and is now being offered. This workshop provides the students with the necessary information to successfully obtain a Remote Pilot in Command certification per FAR 107.

The course is given over a weekend and is concluded with students taking the RPIC test. To date we have a pass rate of 97%. The workshop is open to anyone interested in this certification. For more information, or to sign-up for the next workshop contact Mike Robertson at 618-453-9264 or email mrobertson@siu.edu
Detail Dawgs Maintenance Competition Team
By Ray Pfaff

Detail Dawgs is SIU’s competitive aviation maintenance team. As of right now our team competes in two annual competitions. We have been an active competitive team for just over a year and were able to compete in our first competition in October of 2016. This competition, The Midwest Aviation Invitational, was held in Ottumwa, Iowa.

This first competition was a great experience for our team. Five of our members competed in eight different events. These events included tasks such as; fixing a hole in a wing section with a sheet metal patch, internally timing a magneto, as well as, reinstallation and timing the magneto to an engine, rigging control surfaces, weight and balance calculations, jet engine component removal/inspection and installation, electrical system trouble shooting, forming fluid lines and fittings and safety wiring. For each event the competitors were allowed 15 mins to complete each task. The scoring was based on time, accuracy and professionalism. There were three different divisions; the student division, the overall division and there was a division judged solely on professionalism.

Detail Dawgs were very successful in our first competition. Our team members were able to take:
- First and third in the student division
- First, second and third in the overall division
- Second in overall professionalism
- First in the sheet metal event
- First in the magneto timing event
- First in the jet engine component event
- First in the electrical system trouble shooting event
- As well as second and third place in multiple of the events.

Pictured directly above is the Detail Dawgs Team competing at the 2017 International Aerospace Maintenance Competition, held in Orlando, Florida where they scored 11th place out of 55 teams.
New Equipment in Aviation Technologies
By Harry Fanning

The Aviation Technologies program success is dependent on having equipment that can provide the student real hands-on experience. Over time this equipment begins to show its age from constant handling. This, along with changing technologies generate a continuous need for new equipment. I am pleased to announce some recent equipment acquisitions.

For AVT 212, Carburetors we need to have students rebuild float carburetors as part of the lab projects. We have found that the MA-4-5 series make an excellent training unit. The current inventory of the MA-4-5 series has increased by 5 carburetors. These units were obtained from Marvel Schebler and will be used to replace some of the HA-6 units. These units were purchased for $125.00 ea. This brings the total number of MA 4-5 carburetors to 30 so we will still be using some of the HA-6 carburetors. Over the next few years we hope to continue to purchase 5 carburetors per year. Once we have 40 units we will phase out all the HA-6 carburetors.

In AVT 214, we received a donation of 6 propeller blades from McCauley. These blades will be used to give the students practice blending minor nicks from the leading edge and blade back. Again we hope to continue receiving more blades so we can remove blades that have become increasingly difficult for students to make new repairs. We have also purchased 3 fixed pitch propellers for use in other projects.
2016 Illinois Aviation Conference and Hall of Fame Banquet
By Charley Rodriguez

The 2016 Illinois Aviation Conference was held May 4th and 5th at the Southern Illinois Airport. The conference site migrates across the state from year-to-year, but is frequently held in the northern part of the state. This is perhaps the first time the airport and Southern Illinois University hosted the annual event. Organizers for the conference included the Illinois Aviation Trades Association, Southern Illinois Airport Authority, Carbondale Tourism and Convention Center, and the aviation departments of SIU.

Conference activities were held in both the Transportation Education Center and the Aviation Technologies building. Tours of the facility provided visitors a view as to the quality of aviation education offered at SIU.

A variety of speakers made presentations throughout the two-day event on topics ranging from privatization of control towers, impending changes to the FAA Third Class Medical, unmanned aerial systems, and the impact of aviation throughout Illinois. Barry Cooper, an FAA Regional Administrator, Steve Young, the Interim Director of the IDOT Division of Aeronautics and a graduate from SIU Aviation Technologies Department, Tom Hendricks, President of NATA, Jim Schultz, Director of Illinois Department of Commerce, and Don Morris, a faculty member from SIU, were the main speakers. Awards were presented for the outstanding Illinois airports, heliport, and airport restaurant during the IDOT Luncheon. The traditional hangar party was held in the Aviation Technologies hangar were participants were treated to tasty barbeque and other culinary delights from southern part of the state. The conference was well attended by aviation professionals throughout the state.

The capstone event at the conference was the induction ceremony and dinner hosted by the Illinois Aviation Hall of Fame organization. In 2016 three new members and two organizations were added to the hall of fame roster. They include: Charles Boyle, Lt. Col. CAP, Willa Brown Chappell, the first African American woman in the U.S. to receive a commercial pilot certificate, and Ludwig “Lou” Wipotnik. The Spirit of Flight Award, given to organizations that promote aviation over a protracted period, was given to the Greater St. Louis Air & Space Museum in Cahokia and the EAA Chapter 277 located in Carbondale. Chapter 277 has been involved with various aviation activities for decades including, in recent years, helping with the Commemorative Air Force fly-ins and Sport Air Race League air races. Chapter members have provided over a thousand EAA Young Eagles rides to local young people from 8 to 17 years of age. In 2006 SIU’s Rotor & Wing Association of America received the Spirit of Flight Award for their many years of conducting Aviation Adventure Camps, local airshows, paper airplane contests, and other activities that promote aviation throughout the community. Attendance for the Illinois Aviation Hall of Fame Induction Banquet was slightly over 100.
Flying Salukis Flight Team Update
By Jonathan Ezell

The Flying Saluki’s Flight Team is on a mission this upcoming season to rise back to the top of the competition. That is not to say that the past season was not a success. We were lead by our dedicated coaches, Jacob Schwarz, Kevin Miller, Sean Gipe, Skylar Droll, and Max Reh. These coaches were always there for our team to put us in the best position to compete with confidence. While our team Captains Teddy Keenan and Greyson Harlow provided leadership and role models for members of the team, our entire team has leaders spread throughout. Whether they lead vocally or by example it all helps improve each and every member.

In our regional competition, region 8, in the fall of 2016, we placed first against Lewis University, Purdue University, Quincy, and Indiana State University. In the spring of 2017 we came in 3rd at the National competition located at Ohio State University. It was certainly not the outcome anyone on the team wanted, but we will be coming into the 2017/2018 season with a new determination to strive to improve on the previous season.

Currently in the aviation industry there is a huge demand for pilots. The flying Salukis are proud very proud of our members who have recently left and moved on to follow their dreams of flying professionally. Jacob Schwarz, our former head coach, flies for Envoy Air. While former team captain and coach Sean Gipe as well as former team captain Greyson Harlow fly for Rural King. It goes to show that being a Flying Saluki is not just about winning trophies; but it is also about helping prepare young aviators for an illustrious professional flying career.
Aviation Newsletter

Aviation Management Update
By Jose Ruiz

- Mike Robertson recently earned his PhD, and was recognized as the 2016 recipient of the University Aviation Association (UAA) John K. Lauber National Aviation Safety Award.
- In addition to this achievement, Mr. Mike Robertson was also named the College of Applied Sciences and Arts AVMAF Teacher of the Year.
- The Aviation Management Program has opened our 6th AVM extended campus satellite location at the Community College of Beaver County (CCBC), PA. Students from CCBC can continue their undergraduate education and pursue the B.S. in Aviation Management (delivered at CCBC) after completing their A.A.S. degree at CCBC.
- Mr. Ken Bro and Mr. Andy Weis were the College of Applied Sciences and Arts AVMAF Non-Tenure Track (NTT) Teachers of the Year.
- The Aviation Management and flight programs have formalized a career pipeline agreement with Trans States Airlines. This will allow students to join Trans States Airlines directly upon graduation.

Pictured Left: Mike Robertson poses with his University of Aviation Association John K. Lauber National Aviation Safety Award.
The Aviation Maintenance Management specialization is an online degree completion program that offers graduates from two-year FAA Part 147, avionics, and other aviation-related programs, who are already working professionals, the opportunity to pursue a Bachelor of Science in Aviation Technologies degree completely through distance education. Individuals are able to use previous coursework from an accredited institution and/or related work experience as required credit hours.

This specialization is ideally suited for those individuals who fall into at least one of the following categories:
1. Completed an FAA Part 147 Aircraft Maintenance Technician School
2. Currently, hold Airframe and/or Powerplant certification
3. Completed an associate degree in aircraft maintenance or electronics
4. Has equivalent civilian or military experience

The following courses are those offered in the Aviation Maintenance Management specialization:

- AVT 329 Avionics Communication and Navigation Systems Transition
- AVT 370 Reliability, Maintainability and Fault Prediction Analysis
- AVT 475 Aerospace Lean Manufacturing and Maintenance Practices
- AVT 478 Aerospace Business and Industry Financial Practices
- AVT 380 Aerospace Supply Chain Logistics
- AVT 485 Aviation Maintenance Shop Operations
- AVT 488 Advanced Aviation Safety Procedures
- AVT 390 Management Information Systems for Aerospace Applications
- IMAE 470A Sigma Six Green Belt
- IMAE 450 Project Management or TRM 470 Project Management
- AVT 319/320 Aviation Technologies Internship/Cooperative Experience or AVT 358 Aviation Technology Work Experience
Aviation Technologies Ambassadors
By Thomas Swehla

The Aviation Technologies Ambassadors is a relatively new student organization just over a year and a half old. In that time span, ATA has grown from a small student tour group to a Departmental Student Organization that recruits, provides tours, plans events for aviation students, updates the AvTech website, created and maintains the AvTech social media accounts, and even put together this very newsletter. ATA has become a key part of the Aviation Technologies Department and has become a great organization for the student leaders of AvTech to grow and learn valuable skills such as project management, public speaking, and professionalism all while assisting the AvTech Department in any way possible. The AvTech Ambassadors have done some pretty cool things since it started. The most recent was a visit to St. Louis where a group of aviation students toured the Boeing Prologue Room and learned some of the expansive history of the Boeing Company, they also visited the St. Louis Science Center and its flight portion of the museum which included some pretty fun flight simulators. We look forward to what the future holds for the Aviation Technologies Ambassadors and their role in providing various opportunities for the AvTech student leadership.
We would like to give a special thank you to all the contributors. This newsletter was made possible by all the article authors above. As this academic year comes to a close, aviation staff and students have had many major accomplishments. Being able to highlight these accomplishments in one place is a great thing.

Thank you for taking the time to read through all of these amazing contributions.

Sincerely,
Sophie LeGore, Chairperson of the Newsletter Committee
Thomas Swehla, President of Aviation Technologies Ambassadors