

Robert W. Shaffer, Chair.  
Mark R. Murawski, ViceChair - Sec.



**PENNSYLVANIA AVIATION ADVISORY COMMITTEE**

**PENNSYLVANIA AVIATION ADVISORY COMMITTEE**

**March 14, 2024 MEETING AGENDA**

**10:00 AM – 12:00 PM**

**Commonwealth Keystone Building**

**400 North Street**

**Harrisburg, PA 17120 (Room 8N1, 8<sup>th</sup> Floor)**

- A. CALL TO ORDER / WELCOME – Chairman Robert Shaffer
- B. ROLL CALL OF MEMBERS – Mark Murawski, Secretary
- C. DECEMBER 14, 2023 MEETING MINUTES APPROVAL – Chairman Shaffer
- D. PENNDOT BUREAU OF AVIATION UPDATE – Anthony McCloskey, BOA Director
- E. STATUS OF AAC VACANT SEATS & RE-APPOINTMENTS – Anthony McCloskey
- F. AVIATION COUNCIL OF PA UPDATE – Gabe Monzo
- G. PENNSYLVANIA TAKES FLIGHT INITIATIVE UPDATE -Mark Murawski
- H. JOINT AAC/ACP SUBCOMMITTEE REPORTS
  - o Aviation Funding – Chair, Mark Murawski
  - o Aviation Workforce, Economic Impact and Partnerships – Chair, Cory Cree
  - o Air Freight and Commercial Air Service – Interim Chair, Mark Murawski
  - o Aviation Technology – Co-Chairs, Tes Ali & David Heath
  - o Legislative and Policy – Co-Chairs, David Heath & Mark Murawski
- I. OLD BUSINESS – Chairman Shaffer
  - 1. Status of PA AAC Website Enhancements – Mark Murawski
- J. NEW BUSINESS – Chairman Shaffer
- K. 2024 MEETING DATES & LOCATIONS – Chairman Shaffer
  - June 13, 2024
  - September 12, 2024
  - December 12, 2024
- L. ADJOURNMENT – Chairman Shaffer

## Mark Murawski

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**Subject:** Aviation Advisory Committee  
**Location:** Microsoft Teams Meeting; PD, CR\_KEY\_8N1\_R

**Start:** Thu 3/14/2024 10:00 AM  
**End:** Thu 3/14/2024 12:00 PM  
**Show Time As:** Tentative

**Recurrence:** (none)

**Organizer:** Rohm, Brooke

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Passcode: utm6jz

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## PA AVIATION ADVISORY COMMITTEE MEMBERSHIP ROSTER (As of 2/28/24)

AAC Voting Member	Representing	Designated Voting Alternate
Robert Shaffer	Chair	Mark Murawski (AAC Vice Chair as per Bylaws)
Mark Murawski	Vice-Chair/Secretary	Richard Howell
David Heath	Pilots	Not Designated
Secretary Mike Carroll	PennDOT	Anthony McCloskey, PennDOT BOA Director
Secretary Rick Siger	PA DCED	Jessica Passiment
Senator Wayne Langerholc	Senate Trans. Committee Majority Chair	Nolan Ritchie
Senator Marty Flynn	Senate Trans. Committee Minority Chair	Justin Genismore
Representative Ed Neilson	House Trans. Committee Majority Chair	Blade Kline
Representative Kerry Benninghoff	House Trans. Committee Minority Chair	Josiah Shelly or Laryssa Gaughen
Carl Beardsley	Aviation Council	Not Designated
Tim Edwards	Aviation Council	Not Designated
John Minninger	Aviation Council	Not Designated
Steve Keefer	Airline Industry	Matthew Kernan
Wade Steel	Airline Industry	Not Designated
Gabe Monzo	PA Airport System	Mary Bethea
Gary Hudson	PA Airport System	Not Designated
BJ Teichman	PA Airport System	Lisa Dooley
Keith Brune	PA Airport System	Shane Doud
VACANT-Dr. Larry Nulton (Pending Gov. Appt)	Fixed Base Operator	
Michael Ruane	Metro. Planning Organization	Michael Boyer
Chuck Brewer	General Public	Not Designated
Brian Phillips	General Public	Not Designated
Andrew Allen	Aviation Manufacturing	Not Designated
Tes Ali	General Public	Kelly Hill
David Fiore	Air Cargo	Not Designated



# GOVERNOR JOSH SHAPIRO

February 20, 2024

David Fiore  
12 Mohawk Court  
Gypsum, CO 81637-5366

Dear Mr. Fiore:

I am pleased to appoint you as a member of the Aviation Advisory Committee.

Your commission and oath of office are being prepared by the Department of State and will be mailed to you promptly. The commission, issued under my signature under the Great Seal of the Commonwealth, memorializes your appointment. The oath of office is required by the Constitution of Pennsylvania to be taken by all civil officers. It is important that you act promptly to swear and subscribe to the written oath of office. You cannot perform any powers or duties of your public office until the oath has been taken.

Even though, as a member of the Aviation Advisory Committee, you are not required to file the Governor's Code of Conduct form, I am asking all my appointees to follow and understand the Governor's Code of Conduct and the Executive Branch Employee Gift Ban, Executive Order 2023-4. We ask that you please review the Governor's Code of Conduct and the Executive Branch Employee Gift Ban posted online at [www.governor.pa.gov](http://www.governor.pa.gov). It is important that you take the time to review these documents, which provide ethical guidelines for your public position. If you do not have access to the internet or would like copies mailed to you, please contact my office at 717-787-2500. Please do not hesitate to contact us if you have questions or concerns about the materials you review.

Please accept my best wishes for success in your responsibilities and appreciation for your dedicated service to the Commonwealth.

Sincerely,

Governor Josh Shapiro

## Mark Murawski

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**Subject:** Aviation Advisory Committee  
**Location:** Microsoft Teams Meeting; PD, CR\_KEY\_8N1\_R

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[Privacy and security](#)

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# GOVERNOR JOSH SHAPIRO

February 14, 2024

Mr. David Heath  
2 North Hanover Street, Apartment 2A  
Carlisle, PA 17013-3064

Dear Mr. Heath:

I am pleased to appoint you as a member of the Aviation Advisory Committee.

Your commission and oath of office are being prepared by the Department of State and will be mailed to you promptly. The commission, issued under my signature under the Great Seal of the Commonwealth, memorializes your appointment. The oath of office is required by the Constitution of Pennsylvania to be taken by all civil officers. It is important that you act promptly to swear and subscribe to the written oath of office. You cannot perform any powers or duties of your public office until the oath has been taken.

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Please accept my best wishes for success in your responsibilities and appreciation for your dedicated service to the Commonwealth.

Sincerely,

Governor Josh Shapiro

Robert W. Shaffer, Chair.  
Mark R. Murawski, ViceChair - Sec.



## PENNSYLVANIA AVIATION ADVISORY COMMITTEE

### PENNSYLVANIA AVIATION ADVISORY COMMITTEE

#### DECEMBER 14, 2023 MEETING MINUTES

**MEMBERS & ALTERNATES IN ATTENDANCE:** Chair Robert Shaffer, Mark Murawski, Tony McCloskey, David Heath, Tim Edwards, Justin Gensimore, Jacob Bausher, Tim Edwards, Steve Keefer, Gabe Monzo, Chuck Brewer, Tes Ali , BJ Teichman, Andrew Allen.

**GUESTS:** Cory Cree, Andrew Weinert, Drake Burns, Mark Matlock, Anna Ellis, Aman Ali

#### CALL TO ORDER

Chairperson Robert Shaffer called the meeting to order at 10:00 AM.

#### ROLL CALL OF MEMBERS

Secretary Mark Murawski performed the roll call of members. A voting quorum was not achieved necessary to conduct business in accordance with the bylaws. (Some members and alternates attended remotely.) *Please note, after re-reviewing the attendance (in person and remote) that a quorum was achieved.*

#### SEPTEMBER 14, 2023 MEETING MINUTES

Chairman Shaffer declared the meeting minutes approved without objection.

#### PENNDOT BUREAU OF AVIATION (BOA) UPDATE

Mr. Tony McCloskey, PennDOT BOA Director, began his briefing by announcing that Tom Tomcyck has retired effective 12/1/23. Tony also went over several other BOA staff changes. Tony reminded members that State Capital Budget Transportation Assistance Program requests must be submitted through JCIP by 12/29/23. The BOA is close to finishing the Airport Pavement Management System web-based tool which will be vitally important during the review of future funding requests. Applied Pavement Management is the consultant developing the new system database. This tool will allow airports to forecast their pavement condition data and better plan for their capital improvement needs using sound data-driven methods. Airports are encouraged to educate their local Chambers of Commerce, County Commissioners and others as appropriate about this system. Some PA airports have seen a decline in pavement conditions on primary runways so these metrics will be used by BOA as a key priority in formulating project selection decisions with limited dollars as poor pavements can lead to safety issues. Tony has also been directly involved in planning level meetings to host the next NASAO conference to be held in Pittsburgh from September 7-11, 2024. The recent improvements underway at the Pittsburgh

International Airport will be showcased to conference attendees. Also, a DC trip is being scheduled in late February- early March timeframe to learn what's going on at Capitol Hill and for networking. Chairman Shaffer asked about the status of BIL funding and Tony responded that some projects are being pushed further out so he sees the last year of BIL as intense activity to deliver projects. Mark Matlock at BOA gave an update on e-grants and explained that sub-grant agreements are underway but due to the new system it will likely take some time to ramp up and get all agreements executed so please be patient. Invoices are now being processed. Tony stressed that we cannot sit on projects even though things are challenging so we all need to work cooperatively more than ever to get projects done.

### **ELECTION OF 2024 OFFICERS**

Chairman Shaffer noted that Mark Murawski was elected to serve as interim Vice-President at the AAC September 14, 2023 public meeting to complete the remaining term of Ed Lozano who resigned in September, 2023. Chairman Shaffer indicated that Mark would be willing to continue serving as AAC Vice-Chair and Secretary for the 2024 term, however other nominations could be offered from the floor and two separate motions would need to be made to cover the two officer positions. Hearing no other nominations for either position, Gabe Monzo motioned for Mark Murawski be elected to serve as AAC Vice Chair for the 2024 term which was seconded by Chuck Brewer and unanimously approved. Gabe Monzo motioned for Mark Murawski to be elected to serve as AAC Secretary for the 2024 term which was seconded by Tim Edwards and unanimously approved.

### **STATUS OF AAC MEMBER VACANCIES & RE-APPOINTMENTS**

Mark Murawski indicated that he has been working with Tony McCloskey to fill three vacancies on the AAC due to resignations and also to address re-appointments of members due to expired terms. The AAC has recommended the three appointments as Dave Fiore, Dave Heath and Dr. Larry Nulton. The re-appointments consist of Steve Keefer, Andrew Allen, Gary Hudson, Gabe Monzo. Bob Shaffer, Brian Phillips, John Minninger and Mark Murawski. All have expressed a desire to be re-appointed to new three-year terms. Tony McCloskey indicated he is working with the Governor's Office to secure these appointments and re-appointments as noted by Mark Murawski.

### **AVIATION COUNCIL OF PA (ACP) UPDATE**

Gabe Monzo, ACP President informed the AAC members that the February 2024 ACP Roundtable will feature PennDOT Secretary Mike Carroll and all are highly encouraged to participate. The new ACP website is getting wonderful reviews by users since being launched. Gabe noted that he is now a member of the AERIUM Board and is working closely with St. Vincent College, AERIUM and others to advance bold aviation education programs to re-invigorate the aviation workforce in PA. Likewise, the ACP is constantly gaining expertise to move in many directions as a forward thinking organization to advance PA aviation. Planning for the 2024 PA Aviation Conference is underway and the conference will be held in Williamsport, PA on October 7-9, 2024 and



sponsored by the Williamsport Regional Airport. A lively agenda with a great line-up of speakers and activities / tours is being formulated which includes a tour of Lycoming Engines and the Penn College Avionics facility and new airport terminal building. Early registration is targeted for February and fundraising is being launched soon. Also, the AERIUM Summit is scheduled for May 28-30, 2024 and attendance is also encouraged.

A discussion ensued regarding polyfluoroalkyl substances (PFAS) and contamination at airports and how to mitigate it. It was suggested a collective P-3 approach to manage it may be beneficial and that firefighters need more training on new foam rules. Gabe Monzo indicated ACP is coordinating with PA DEP on these issues for a future roundtable discussion. An airports survey may also be useful to gather data to better understand the extent of airport property contamination and mitigation (clean-up) approaches being explored or instituted.

### **PENNSYLVANIA TAKES FLIGHT INITIATIVE**

Mark Murawski provided a brief update on the PA Takes Flight joint AAC/ACP initiative which has been developed as a program to help implement 25 legislative recommendations contained in the TAC approved PA Aviation Strategic Investment Plan. Currently, efforts are being made to schedule a meeting with Senator Wayne Langerholc, Chairman of the PA Senate Transportation Committee hopefully in January, 2024 involving AAC/ACP leadership to discuss the possibility of comprehensive state aviation legislation. Following this initial meeting, it is envisioned that other meetings with the PA House and the Shapiro administration will be scheduled as well. Mark Murawski said he anticipates 2024 may be the year of action for PA Aviation and we need to be ready to respond to emerging opportunities and be strong advocates for our cause.

### **JOINT AAC/ACP SUB-COMMITTEE REPORTS**

#### *Aviation Funding Sub-Committee*

Chair Mark Murawski noted monthly zoom meetings continue to be held to further advance the aviation funding recommendations contained in the TAC Report. These were previously outlined in the prior agenda item for the PA Takes Flight Initiative.

#### *Aviation Workforce, Economic Impact and Partnerships Sub-committee*

Chair Cory Cree provided an update of committee activities by indicating that the Committee is reviewing the scope of work contained in the TAC Report regarding this subject and is developing a game plan to prioritize and address the recommendations. The sub-committee is scheduled to meet via zoom on January 4, 2024 to finalize the work priorities and assign roles and responsibilities to various sub-committee members.

#### *Air Freight and Commercial Air Service Sub-committee*

No substantive activity to report.

### *Aviation Technology Sub-committee*

Co-Chair Tes Ali provided an update of committee activities. Tes introduced Andrew Weinert with MIT Lincoln Laboratory who discussed grant funding opportunities for AAM and UAS infrastructure development across the western and southern portion of PA via the Appalachian Regional Commission. Tes and Andrew indicated that if we combine grant funding with a drive to prepare all our airports for electrification, hydrogen, SAF's via solar and microgrid implementation in the near term and far more robust airport resiliency hub planning in the longer term, PA could become a nationwide leader in aviation innovation while bolstering our communities and the Commonwealth as a whole.

### *Legislative and Policy Sub-committee*

Chair Mark Murawski said no substantive activity is to report and the sub-committee will convene as needed primarily to respond to any state aviation legislative proposals under the PA Takes Flight initiative or other aviation legislative or policy proposals that may arise where an AAC response is requested or needed.

### **OLD BUSINESS**

Chairman Shaffer provided an update of the Southern Airline flight training academy at the DuBois Regional Airport and indicated the community is seeing spin-off economic and community development benefits, such as hotels resulting from the facility's activities. Amy Kessler at the Northcentral RPO has also been very helpful in exploring grant opportunities to support it.

It was noted, Tes Ali's brother Aman Ali was in attendance to take photos of AAC members for the updated AAC website that will occur immediately following the meeting.

### **NEW BUSINESS**

A brief discussion was held about the 2024 AAC meeting locations and several options were presented such as continuing meetings at the ROC, moving meetings to the Keystone Building and other ideas. Chairman Shaffer suggested a survey could be done to help make decisions and BOA staff will check on the availability of the Keystone Building.

### **ADOPT 2024 MEETING DATES**

The AAC adopted the 2024 meeting dates as follows:

March 14

June 13

September 12

December 12

**ADJOURNMENT**

Chairperson Shaffer adjourned the meeting at 12:15 PM.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'Mark Murawski', written in a cursive style.

Mark Murawski, Secretary

PA Aviation Advisory Committee

Meeting Minutes  
 Aviation Workforce Subcommittee Meeting  
 1:00 p.m. Thursday January 4, 2024  
 Meeting Location: Virtual

Notes from meeting are in red text.

1. Roll Call - Attendees

Present (P)	Member	Organization
P	Cory Cree	John Murtha Johnstown-Cambria County Airport
	Robert Shaffer	DuBois Regional Airport
	Carl Beardsley	Wilkes Barrer/Scranton International Airport
P	BJ Teichman	Bloomsburg Municipal Airport
P	David Heath	BBP Solutions, LLC
P	Chuck Brewer	Former PennDOT BOA Aviation Specialist
	Gary Hudson	Chester County G.O. Carlson Airport
P	Tony McCloskey	Director PennDOT BOA
P	Anna Ellis	Airport Planner PennDOT BOA
P	Andrew Allen	Part 135 Operator Pittsburgh/Bulter Regional Airport

2. Discussion Items

- a) **Reviewed** Subcommittee's Purpose (See attached Aviation Workforce, Economic Impact, and Partnerships Subcommittee)
- i) Address needs to maintain a strong aviation workforce in light of substantial aviation industry retirements and lack of sufficient numbers of individuals interested in aviation careers to fill the large void.
  - ii) Improve the messaging that aviation plays a positive role by contributing nearly \$ 4 billion annually to the Commonwealth's economy.
  - iii) Identify and advance intergovernmental partnerships in support of aviation, including strong interface with PA communities and foster public-private partnerships to accelerate aviation investments to improve aviation infrastructure and services.
  - iv) Ensure general aviation plays a vibrant role in the overall PA aviation system, including coordination and input with Fixed Base Operators (FBO's).
- b) **Reviewed** Subcommittee's Scope of Work (See attached Aviation Workforce, Economic Impact, and Partnerships Subcommittee)
- i) During last month's meeting, we identified 4 of the 13 numbered activities to initially address, which are:
    - (1) Item No. 1 - Work closely with AERIUM and other support organizations to develop and implement a comprehensive PA aviation training and recruitment strategy.
    - (2) Item No. 4 - Market the value of PA airports as an industry and economic asset.
    - (3) Item No. 7 - Increase compliance with Airport Hazard Zoning.
      - (a) **Tony McCloskey stated that the PennDOT BOA will take over this item and that Justin Palmer will lead the PennDOT BOA's efforts. Thus, our Subcommittee may remove this item from our list.**
    - (4) Item No. 13 - Identify, develop, and advance a candidate P3 aviation related initiative such as a hangar bundling program to address the mounting backlog of hangar projects in PA as documented in the AAC White Paper and coordinate with the PennDOT P3 Office as appropriate.
      - (a) **Tony McCloskey stated that he would like to see the DCED be more involved with this type of activity.**
      - (b) **Tony McCloskey stated he would like to see the private sector advance a candidate P3 aviation related initiative.**

Meeting Minutes  
 Aviation Workforce Subcommittee Meeting  
 1:00 p.m. Thursday January 4, 2024  
 Meeting Location: Virtual

Notes from meeting are in red text.

ii) As the next steps, I suggest we:

- (1) Determine what Subcommittee members would be willing and want to lead/chair the effort to address any of the ~~four~~ **three (3)** identified activities.
  - (a) **Instead of selecting a chair for each identified activity, each identified group of individuals will collaborate to address each activity.**
- (2) Determine what committee members would be willing and want to work ~~with the designated leaders/chairs~~ **together** to address any of the ~~four~~ **three (3)** identified activities.
- (3) Determine if there is anyone not currently on this Subcommittee that we should add to the Subcommittee and to add to any of the groups to address the ~~four~~ **three (3)** identified activities.

Item No. 1 - Work closely with AERIUM...	
Chair	None
1	Chuck Brewer
2	BJ Teichman
3	David Heath
4	Cory Cree
5	

Item No. 4 - Market the value of PA airports...	
Chair	None
1	Anna Ellis
2	David Heath
3	
4	
5	

Item No. 7 - Increase compliance...	
Chair	Tony McCloskey stated that the PennDOT BOA will take over this item and Justin Palmer will lead the PennDOT BOA's efforts. Thus, our Subcommittee may remove this item from our list.
1	
2	
3	
4	
5	

Item No. 13 - Identify, develop, ...	
Chair	Andy Allen
1	David Heath
2	
3	
4	
5	

- (4) I suggest that each ~~leader/chair~~ **group** of the ~~four~~ **three (3)** identified activities coordinate with your group and determine a meeting schedule for your group.
- (5) At the next ~~month's~~ Subcommittee meeting, I will ask each ~~Chair~~ **group** to report on their progress.

c) Next Subcommittee Meetings

- i) 1 p.m. Thursday February 1, 2024 – **The February 1<sup>st</sup> meeting is cancelled.**
- ii) 1 p.m. Thursday March 7, 2024 – **Our next meeting will be March 7<sup>th</sup>.**

3. Adjournment



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**AVIATION COUNCIL**  
**OF PENNSYLVANIA**

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Greetings

2/6/2024

The following documents represent a new era in Aviation advancement. The aviation industry has encountered an amazing growth overall. This represents a true recovery of a system devastated by a pandemic. With this growth and various other reasons, it has also created a true challenge to occupy pilot seats due to the lack of trained capable personnel.

Several Airports across the Commonwealth have joined forces with local universities and flight schools to enhance the workforce development. Included in this correspondence are several examples of what airports are doing to combat this aviation deficit. Airlines, airports, and schools across the state have joined forces to come up with a solution to this dilemma.

Airports are proceeding with design of facilities on field to facilitate aviation training. The development of aviation training facilities on airports will not only enhance the number of pilots in the system, but it will also provide a revitalization of a stable secure environment for an in-state training operation. This development also includes a fantastic opportunity to graduate from a PA facility and increase the production of home-grown trained aviation professionals. Not all aviation professionals are pilots. The industry is in dire need of trained personnel across the board.

Combining aviation development with an educational component enhances workforce development and business entities overall. This opens a whole new enterprise that combines two strong performers in the years to come: colleges/universities and airports. Any investment in these entities provides immediate dividends and it gives our home-grown students an option to continue their education in the State for an industry that has a real need. Perhaps it will entice some out-of-state opportunities also.

The ASK is consideration of changing the 50/50 Capital Budget program to a 75/25 program for hangar construction. Obviously, the program would need an influx of new money to make this happen. The hope is that combining education and aviation may create new opportunities for you as legislators to access other funds that may be combined with aviation to enhance the overall program. Our thought is, that this combination of aviation funds, and educational funds combined with developers would enable a new growth never before realized.

Please take some time to look over the proposals provided just to get a lay of the land for aviation workforce development in the Commonwealth.

Sincerely,  
Gabe Monzo  
President

Aviation Council of PA

A handwritten signature in blue ink, appearing to read "Gabe Monzo", is written over the typed name and title.

**AVIATION COUNCIL OF PA**

3915 Union Deposit Road, Box 935, Harrisburg, PA 17109

Phone: (717) 850-0227 Fax: (717) 850-0228

INFO@ACPFLY.COM

www.acpfly.com

***BLOOMSBURG  
MUNICIPAL AIRPORT  
(N13)  
PROPOSAL***

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## AVIATION WORKFORCE DEVELOPMENT AT N13

Bloomsburg, Municipal Airport  
301 Airport Road  
Bloomsburg, PA 17815  
airportcoordinator@bloomsburgpa.org

5 Feb 2024

Aviation Workforce Development began at N13 in 2017. Since that time, the following clubs, Aviation Explorer Post N13, Civil Air Patrol Squadron 522, and Bloomsburg Experimental Aircraft Association (EAA) Chapter 1641 have been established, as well as many additional aviation activities to introduce, educate, and provide experiential learning opportunities for our youth. Not only have these clubs partnered and supported one another for a variety of N13 events, they have also partnered with the local Children's Museum, where they engage in aviation build and other aviation related projects.

In addition to Aviation Focused Clubs, outreach education to middle schools, and high schools and the local university has been a primary mission and focus of the Airport Coordinator at N13. She attends the middle school and high school career fairs, works with the guidance counselors and spends a minimum of 20 hours per week supervising job shadow students and interns at the airport for school co-op credit. Currently, one local High School is participating in the AOPA STEM program, with the goal of bringing the AOPA STEM program to all the other schools. Below are some specific ways in which each club introduces youth to aviation careers and provides workforce development.

**Aviation Explorer Post at N13- Aviation Exploring:** is sponsored by Scouts of America Learning for Life Program. Where youth can learn about an aviation career that is waiting for them. Our Aviation Exploring Post, at Bloomsburg Municipal Airport, seeks youth 14 to 20 years of age. The students investigate career fields such as Commercial Drone Pilots, Air Traffic Controller, Aircraft and Power Plant (A&P) Mechanic, Pilot, and many more. This is accomplished via monthly meetings at N13 as well as educational field trips such as visiting the

## AVIATION WORKFORCE DEVELOPMENT AT N13

Bloomsburg, Municipal Airport  
301 Airport Road  
Bloomsburg, PA 17815  
airportcoordinator@bloomsburgpa.org

5 Feb 2024

Golden Age Air Museum, Sentimental Journey in Lock Haven, annual Benton Fly-in, and visiting an air traffic control tower where the students interact with air traffic controllers. These represent just a few of their experiential learning opportunities.

In the program's short history, **two** of N13 Explorer Post youth members have been accepted into Pennsylvania State Technical Institute A&P college. Another Explorer Post member received a Ray Flight Scholarship, having been nominated by Bloomsburg Airport EAA Chapter 1641. He earned his Private Pilot Certificate pro bono.

**Civil Air Patrol Squadron 522** is sponsored by the Air Force. Squadron 522 meets weekly at N13. Cadets, learn, lead, and eventually serve. In addition to flying (cadet orientation flights), the program also consists of leadership training, model rocketry, team building, search and rescue, emergency preparedness, with an emphasis on STEM education. Squadron 522 at Bloomsburg has earned the PA Wing Phoenix Squadron of the year award in recognition of outstanding achievement and service. Additionally, the 522 Squadron has been awarded the Aerospace Education excellence program for outstanding achievement in promoting Aerospace Education.

**Bloomsburg Municipal Airport EAA Chapter 1641-** is a non-profit, 501C3 started in 2021. It promotes workforce development by hosting Flying Starts, which introduces adults to becoming a pilot and Young Eagles Rally's. The Young Eagle Rally's offers free flights to children ages 8-17 regardless of background which gives them a glimpse into the aviation field. The chapter annually flies over 200 youth pro bono to give them an opportunity to experience flight. Throughout

## AVIATION WORKFORCE DEVELOPMENT AT N13

Bloomsburg, Municipal Airport  
301 Airport Road  
Bloomsburg, PA 17815  
airportcoordinator@bloomsburgpa.org

5 Feb 2024

the year, participants are welcome to take more than one flight. With regard to build projects, the youth are currently working on completing construction on an Acro Duster, and have already successfully built and flown a Remote-Control Aircraft. The RC Kit was purchased with credits from flying Young Eagles.

**EAA Ray Flight Scholarship Program** Bloomsburg Municipal Airport EAA Chapter 1641 annually nominates youth from its' chapter to receive a Ray Scholarship. Ray Scholarship funding is now \$11,000 per student. Beginning in 2021; to date 9 youth from (N13) between the ages of 16-19 have received flight scholarships. The scholarship awards for these youth totals, \$92,750, with \$68,000 provided by the Ray Scholarship fund. The matching funds in the amount of \$24,750 has been raised by Bloomsburg's EAA Chapter 1641 through a myriad of fundraising efforts, including pancake breakfasts, donut sales, to name a few. The demographics of our Ray Scholars, who have received flight scholarships to earn their private pilot license pro bono is five Caucasian males, one African American male, and three Caucasian Females. The EAA board embraces diversity when selecting qualified candidates to receive this coveted flight scholarship. In addition to the Ray Scholarship, one student received a Microsoft Scholarship. Of the scholarship recipients, two have been accepted into the U.S. Air Force Academy. Many other high school students, with or without Scholarship support have obtained their Private Pilot Certificate, or are currently learning to fly at N13. First intern, Josh, earned his private pilot certificate at 17 years of age. He then received a full ride ROTC Navy scholarship to Penn State. Upon graduation this year he will join the Marine Corps as an Aviator. Young ladies, Kate, and Lucy are currently finishing their private pilot license. Both have been accepted into Emery

## AVIATION WORKFORCE DEVELOPMENT AT N13

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airportcoordinator@bloomsburgpa.org

5 Feb 2024

Riddle, Prescott, AZ, and Daytona, Fl respectively. Kate will be studying aeronautical engineering, Lucy aerospace engineering. Many of the remaining scholars plan to become commercial airline captains and eventually fly for a major carrier. Another high school intern will be attending University of Oklahoma this fall in the Aviation Management Program with a minor in Air Traffic Control.

### **N13 Interns, Ray Scholars, Overview of where they are now.**

- Completed Naval ROTC Scholarship at Penn State, Naval Aviator
- Virginia Tech – Aerospace Engineering
- Applying for Medical School, primary interest is Space Medicine
- Air Force Academy - 2 Scholars accepted
- Emery Riddle – 2 accepted, one aerospace and aeronautical engineering
- Univ. of Oklahoma – 1 accepted, Aviation Management and ATC
- Univ of North Dakota – Aviation Management – will apply next year
- Several others are too young to apply for post-secondary school, however have declared that they plan to become airline pilots.

**Aviation Community Education and Outreach.** N13 has been a leader to foster aviation careers. Dr. Phil Polstra, CFII, flight instructor for both helicopters and fixed winged aircraft, A&P Mechanic, and tenured professor at the local Commonwealth University offers free private pilot ground school (no age requirement) twice a year at N13 a for the local community. This opportunity paves the way for young students to become involved in one of the many aviation programs, exposing them to scholarship opportunities and thus begins their journey to become an airline captain, air traffic controller, mechanic, or aviation career of their choosing.

## AVIATION WORKFORCE DEVELOPMENT AT N13

Bloomsburg, Municipal Airport  
301 Airport Road  
Bloomsburg, PA 17815  
airportcoordinator@bloomsburgpa.org

5 Feb 2024

### **FAA FASTeam Safety Seminars**

As part of our monthly EAA Gathering N13 incorporates hosting FAASTeam Seminars for wings credits. These types of gatherings not only introduce our youth to aviation safety, but also gives them an opportunity to see how many additional aviation careers are associated with the FAA. From the FSDO program manager, to the accident investigator, and everything in between, their world view of FAA career opportunities is widened through these seminars.

As a result of the outreach education to schools, the three aforementioned aviation programs, the FAA seminars and aviation program development in general, the Flying Club that has been at N13 since 1931 has grown from 12 to 40 members and added a second plane. In addition. A second Flying Club was formed, and a Flight School opened to ease the burden of all the students training with the Flying Club. Due to demand, the Flight School quickly added a second plane, is currently looking for a third plane, and added more CFII instructors.

There is nothing in the Airport Coordinator Job Description (attached) which identifies workforce development. Yet, in addition to the full-time responsibilities noted in the job description, significant amounts of her time are dedicated to outreach education, community engagement, airport tours, Young Eagle Flights, managing Ray Scholarship Grants, supervising interns, facilitating community events at the airport, general marketing, and overall workforce development. One of her goals is to get the FAA Certified A&P mechanic shop that is based at N13 to engage in job shadow and internships, similar to what is already being done at N13. For 75 years the machine shop has been doing major and minor engine

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5 Feb 2024

overhauls, magneto and cylinder work, general aircraft maintenance and inspection, and are one of the few facilities that have a test cell.

### Summary

Prior to all the workforce development at N13, it routinely had a waiting list for hangar space. Despite 15 planes being sold in the last four to five years, the waiting list still remains with significantly more demand due to the expansion of the Flying Club, adding a second Flying Club, and the Flight School. Many of the 30 students who have learned to fly at N13 over the past four to five years now wish to own their own aircraft, or partner with someone and base it an N13. The workforce development efforts have directly impacted the increased need for hangar space. It seems appropriate if Aviation Workforce Development funds are available to airports, which is funding that is separate from the traditional PennDOT and FAA funding streams, that N13 should be rewarded for its' workforce development efforts by receiving Aviation Workforce Development funding.

**Finally:** - General Aviation Airports are where pilots are born, and other aviation careers are launched.

(Left to Rt. ) Kate, Landon, Lucy, and Jude. Kate and Lucy are Embry Riddle Bound. Landon and Jude will report to the Air Force Academy in Colorado

Springs this June. In background, on left CFII instructors, Dan and Rob.



## AVIATION WORKFORCE DEVELOPMENT AT N13

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5 Feb 2024

PS.....

Below, Grier Wilt, [EVA NASA Johnson Space Center](#), boarding a NASA jet for [Russia](#). Grier learned to fly at N13 in 2019. After earning her Private Pilot Certificate, she served as Deputy Director of the Space Program in Star City, Russia. Following that deployment she rejoined her NASA team, working on the Artemis Missions and recently she was certified for CAT COM. Interns at N13 are inspired by her accomplishments, and they are encouraged to reach out to her for guidance and mentorship and to pursue internships at NASA. This is just one of them many **networking** opportunities provided by N13 through the internship program.



***DUBOIS***  
***REGIONAL AIRPORT***  
***(KDUJ)***  
***PROPOSAL***

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# *CLEARFIELD-JEFFERSON COUNTIES REGIONAL AIRPORT AUTHORITY*

377 Aviation Way, Reynoldsville, PA 15851

Phone: (814) 328-5311

Fax: (814) 328-5312

Email: bob@dujairport.com

www.dujairport.com

February 9, 2024

Greetings,

We are pleased to provide you with the following synopsis of the Aviation Training Academy that is being developed at the DuBois Regional Airport.

## **Establishing an Aviation Training Academy: A Plan for Success**

The primary objective of this project is to create a strategic collaboration with Southern Airways to meet the increasing demand for proficient aviation professionals by offering accessible and comprehensive training programs through the establishment of a dedicated Aviation Training Academy, along with convenient student living arrangements and hangar space. By forging this partnership, our project seeks to bridge the gap between aviation education and the practical needs of students, ensuring an easily accessible and beneficial learning experience.

The establishment of an aviation training academy represents a visionary endeavor aimed at achieving several critical goals within the dynamic aviation industry. With a primary focus on providing comprehensive training and education to aspiring aviation professionals, this academy aspires to accomplish a range of strategic objectives, all of which contribute to the advancement, safety, and sustainability of aviation. The key objectives and intended accomplishments of the academy include:

- 1. Skilled Workforce Development:** One of the foremost goals of the academy is to bridge the ever-widening gap between the growing demand for skilled aviation professionals and the available workforce. By offering a wide array of training programs for pilots and maintenance technicians, the academy aims to ensure a steady supply of qualified individuals who can effectively contribute to the aviation sector.
- 2. Safety Enhancement:** Safety is paramount in aviation. The academy strives to bolster safety standards by imparting rigorous training that instills a culture of safety and responsibility among its graduates.
- 3. Global Standards Compliance:** Aviation is an inherently international industry. To ensure seamless operations across borders, the training academy will emphasize adherence to global standards and regulations set forth by organizations like the International Civil Aviation Organization (ICAO).
- 4. Innovation and Technology Integration:** With aviation technology evolving rapidly, the academy will endeavor to stay at the forefront of innovation.

Managing the DuBois Regional Airport

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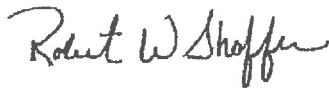
5. **Career Advancement Opportunities:** The academy aims to offer graduates ongoing training, mentorship programs, and opportunities for specialization, enabling them to continuously develop their skills and advance in their careers.
6. **Economic Growth:** The aviation industry is a significant driver of economic growth. By producing highly skilled professionals, the academy will contribute to the growth of the aviation sector, creating jobs and stimulating economic activity across the Commonwealth and around the world.
7. **Leadership and Excellence:** Ultimately, the academy aims to produce aviation professionals who will shape the future of aviation. It seeks to cultivate a sense of excellence, professionalism, and ethical responsibility among its graduates, ensuring that they not only meet industry standards but also surpass them, setting new benchmarks for excellence in aviation.

The establishment of an aviation training academy at DuBois Regional Airport represents a multifaceted initiative with a wide range of objectives. From workforce development and safety enhancement to economic growth and environmental sustainability, the academy aims to accomplish a broad spectrum of goals that will benefit the aviation industry, its professionals, and society at large. Through its commitment to excellence, innovation, and global connectivity, the academy seeks to position itself as a leading institution that shapes the future of aviation in a positive and transformative way.

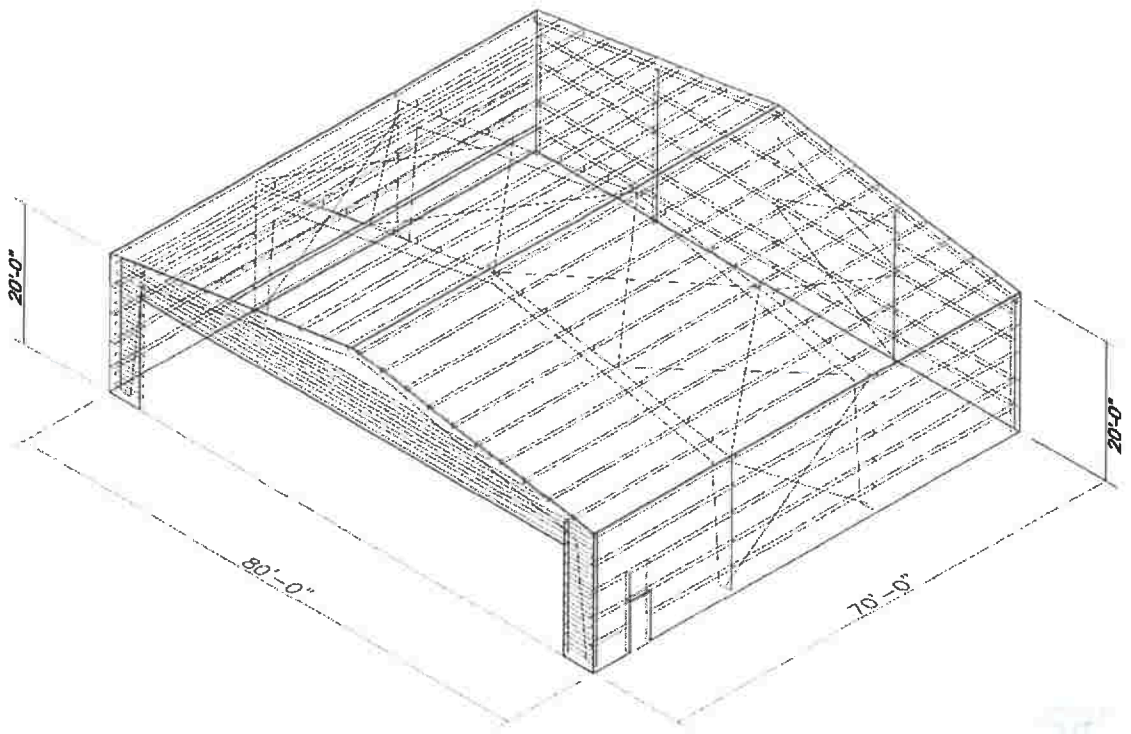
Since its inception in August of 2023, the training academy has seen more than 120 pilot students complete their ground school. Nearly 70 of those have completed simulator and in-aircraft training as well and have been released to the line to help fill the growing need for qualified pilots. With new classes coming in each month, this program is poised to contribute substantially to the aviation industry and we are excited for its future. The next step in the growth of the training academy is to construct a dormitory on site and a hangar for multiple training aircraft. This will allow for continuity in the educational process, as all components of the training will be done in one location at the DuBois Regional Airport.

We know your time is valuable so thank you for allowing us to provide you with this information about our training academy. We appreciate your consideration for funding to develop this innovative program into a leading educational facility in aviation right here in central Pennsylvania.

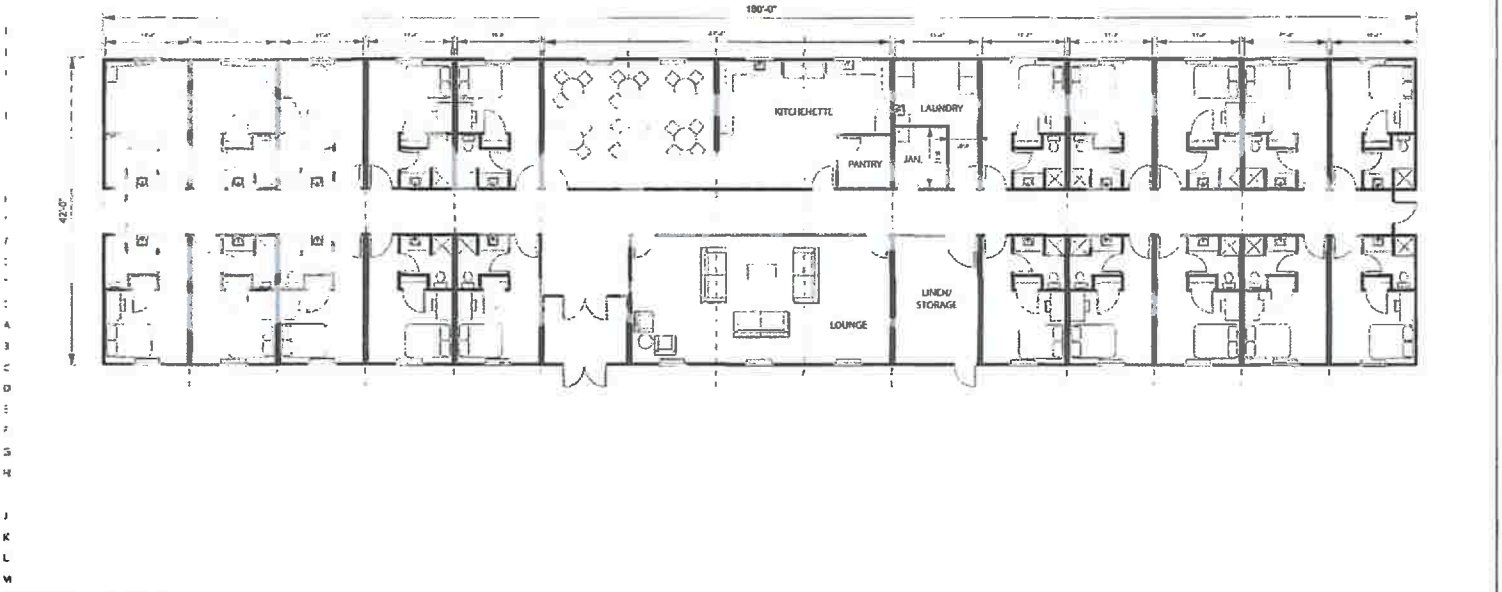
Regards,



Robert Shaffer,  
Airport Manager



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59



**VESTA**  
 1000 Town Center, Suite 975  
 Southfield, MI 48075

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180' X 42' 20 PERSON DORM BUILDING

DRAWING DATE: 08/29/23	DRAWING NUMBER: 1
REVISION #/DATE: 1. 2. 3.	DRAWN BY: ERC

***JOHNSTOWN***  
***(KJST)***  
***PROPOSAL***

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## Johnstown Airport Innovation Center & Hangar Project

### Executive Summary:

Johnstown Airport is spearheading an innovative initiative to launch an Innovation Center combined with a hangar, specifically designed to advance pilot training, aviation maintenance training, and aerial mobility. This project underscores our commitment to elevating the aviation workforce and fostering academic collaboration within Pennsylvania.

### Project Vision:

Our vision for the Innovation Center is to become the epicenter of aviation excellence, focusing on producing highly skilled pilots, proficient aviation maintenance technicians, and experts in the burgeoning field of aerial mobility. This center will not only provide cutting-edge training but also serve as a collaborative space for industry and academic leaders.

### Key Features:

- **Dual-Purpose Facility:** Integrating an innovation center with a fully functional hangar to offer real-world aviation experiences alongside theoretical learning.
- **Focused Training Programs:** Specialized curricula in pilot training, aviation maintenance, and aerial mobility, developed in partnership with esteemed institutions like Saint Francis University and leveraging expertise from the University of Alaska Fairbanks.
- **Emerging Technologies Emphasis:** Dedicated to advancing knowledge and skills in UAV technology and autonomous aircraft systems, preparing the workforce for the future of aviation.
- **Strategic Industry Partnerships:** Collaborating with industry leaders such as SkyWest to provide direct pathways into the aviation sector for graduates.
- **Community Engagement:** Hosting events and workshops to inspire and educate the broader community about the opportunities within the aviation industry.

### Project Status:

- **Advanced Readiness with Infrastructure Funded:** Our project has not only completed crucial preparatory steps, including site selection and design, but has also achieved significant milestones with funding already in place for essential infrastructure - roadway, parking, pad, ramp, and taxiways. This foundational progress ensures we're construction-ready for the building phase, pending final funding. Our readiness signifies a direct path from planning to action, setting the stage for immediate development of this landmark aviation education and training center.
- **Funding Requirements:** Seeking funding for the construction and outfitting of the center, with commitments already in place and an appeal for further investment to realize this vision.

### Impact:

- **Workforce Development:** Directly addresses the growing demand for skilled aviation professionals, ensuring the industry's sustainability and growth.
- **Economic Growth:** Contributes to both local and state economies by nurturing a highly skilled workforce and attracting aviation businesses.
- **Innovation Hub:** Establishes Johnstown Airport as a leader in aviation training and aerial mobility research, setting new standards for educational excellence in the field.

### Conclusion:

The Innovation Center & Hangar Project at Johnstown Airport represents a transformative step forward in pilot and aviation maintenance training, as well as aerial mobility. This initiative is set to significantly impact Pennsylvania's aviation industry, providing a state-of-the-art platform for education, innovation, and workforce development.

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# Exterior & Finishes

Color palette of blacks, grays, oranges, and blues reflects contemporary aviation entrepreneurship hubs and the logo of Nulton Aviation Services Inc.

Decorative accents reflect airfoil shapes and airflow representations.

Finishes include simulated cor-ten steel and metal fabrics



NORTH ELEVATION



EAST ELEVATION



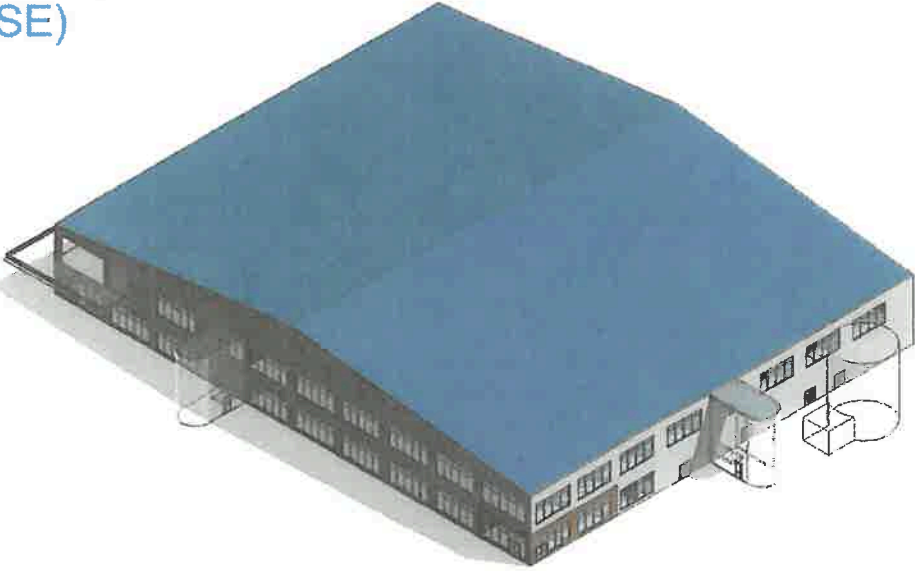
SOUTH ELEVATION



WEST ELEVATION



# 3D Exterior (from SE)



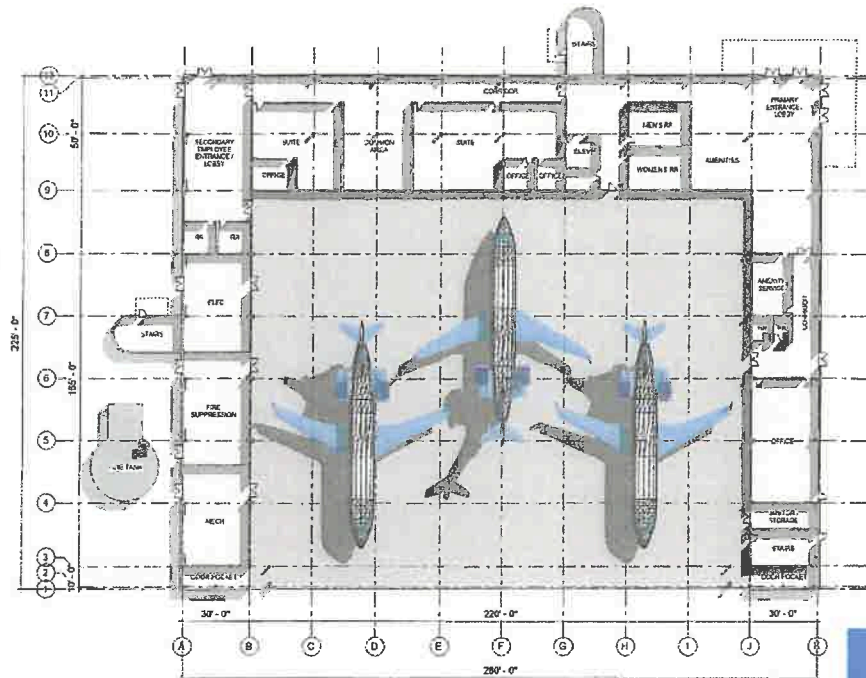
## First Floor Concept Plan

63,000 sf of occupiable space on ground floor.

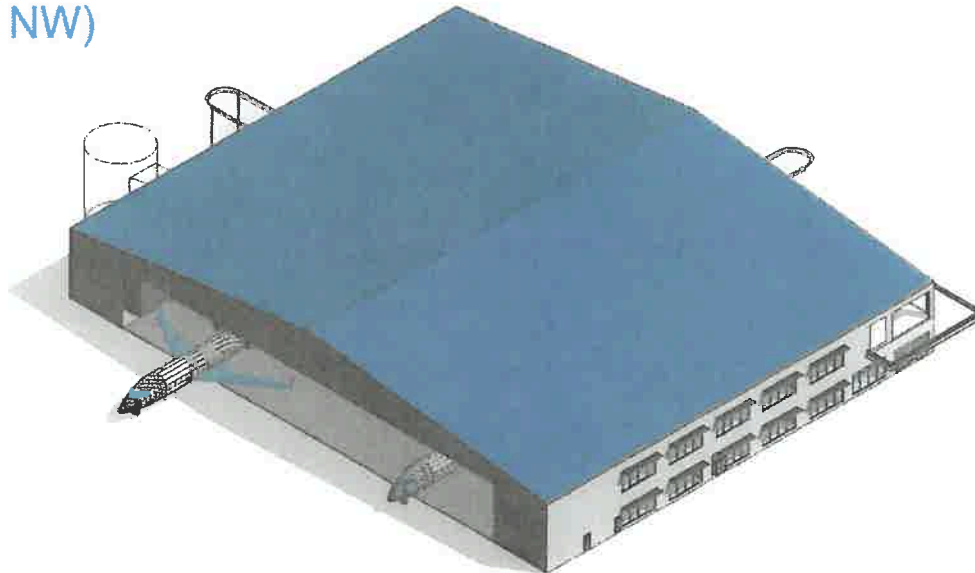
Interior glass wall system allows all incubator and coworking spaces visual connection to both outdoors and hangar on both floors.

Outer corridor on 3 sides of the building allows access to individual offices without conflicting with hangar work area.

Deep rear wing creates opportunity for large suites with private offices and common spaces for casual collaboration.



## 3D Exterior (from NW)

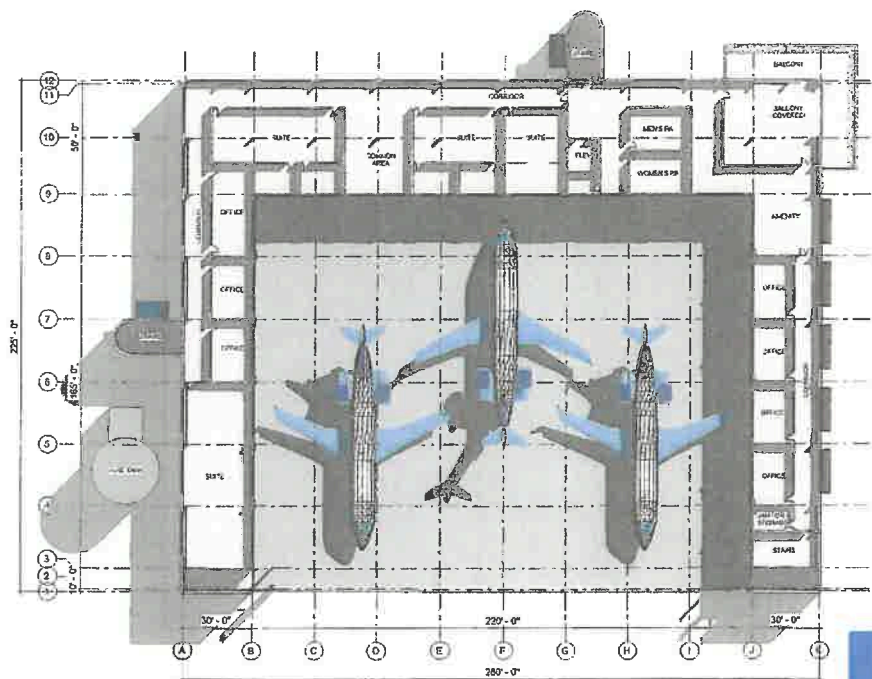




## Mezzanine Concept Plan

23,600 SF of occupiable space at mezzanine level

Main entrance at the SE corner, closest to the valley. Large common area on Ground floor with outdoor patio. Open terrace on Mezzanine level above with views to valley and main runway. Potential to expand terrace with self-supported balcony structure beyond PEMB. Accessed by decorative exterior stair to an amenity zone within a secure perimeter.



***ARNOLD PALMER***  
***REGIONAL***  
***(KLBE)***  
***PROPOSAL***

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SAINT VINCENT COLLEGE

January 29, 2024

Dear Senator Wayne Langerholc,

This letter is written in support of all of the great work done at the Arnold Palmer Latrobe Airport by the Laurel Highlands Aeronautical Academy in Latrobe, PA. Specifically, it is my hope that grant support would be made available for facilities at the airport.

My familiarity with Laurel Highlands and at the airport is primarily through developing the Aviation Management – Professional Pilot major at Saint Vincent College. The degree is in partnership with the Community College of Beaver County and Laurel Highlands. In working with both CCBC and Laurel Highlands, I have seen the good work that Laurel Highlands can do at the airport.

It is my personal hope that, as this joint program grows, that so will the regional economy. If we can, in partnership with Laurel Highlands and the Airport, train more pilots then the area stands to benefit. Were more airlines and other flight providers to look to Latrobe as a pipeline to help alleviate the impending pilot shortage, more jobs will be created in the region. With more jobs means higher population. And, of course, with higher population comes increased traffic to businesses, arts organizations, and tourist/historical sites of which our region is blessed to have in abundance.

But, the Airport, Laurel Highlands, and our program at Saint Vincent can use some support in the form of grant funding. I believe that any help you can give in this area will strengthen and support the economic growth of our amazing region.

If you have any questions or would like more detail, please feel free to contact me at [michael.urick@stvincent.edu](mailto:michael.urick@stvincent.edu) or 724-331-7335.

Sincerely,

Michael J. Urick, PhD, MBA, MS, SSGB, SHRM-CP  
Dean – Alex G. McKenna School of Business, Economics, and Government  
Saint Vincent College

OFFICE OF THE DEAN

Alex G. McKenna School of  
Business, Economics and Government

300 Fraser Purchase Road  
Latrobe, PA 15650-2690

Proposal for St. Vincent Aviation Academy  
at Arnold Palmer Regional Airport

- The Academy will be constructed at Arnold Palmer Regional Airport.
  - The Academy will occupy land designated as Airport Land Development Zone eligible property.
  - The structure will be primarily a hangar facility with a classroom as an integral part of the facility.
  - Classroom should be capable of instruction for no less than sixty students at any given time.
  - Ownership will be in the name of the developer.
  - Lease agreement will be with the Airport Authority
  - School employees will receive benefits associated with the (ALDZ). Airport Land Development Zone
  - The building will have full audiovisual classroom facilities capable of full instruction at a collegiate level.
  - The hangar facility will be 200 W X150 D primarily designed for aircraft storage operated by the flight school.
  - No other aircraft other than school owned aircraft will be permitted to be stored in the facility.
  - No maintenance other than school sanctioned instruction shall be performed in the hangar. Maintenance for school aircraft should be performed at a proper facility. The school hangar will be storage only.
  - Any change in use of the facility must be approved of by the Airport Authority at a regularly scheduled meeting of the full Board.
-



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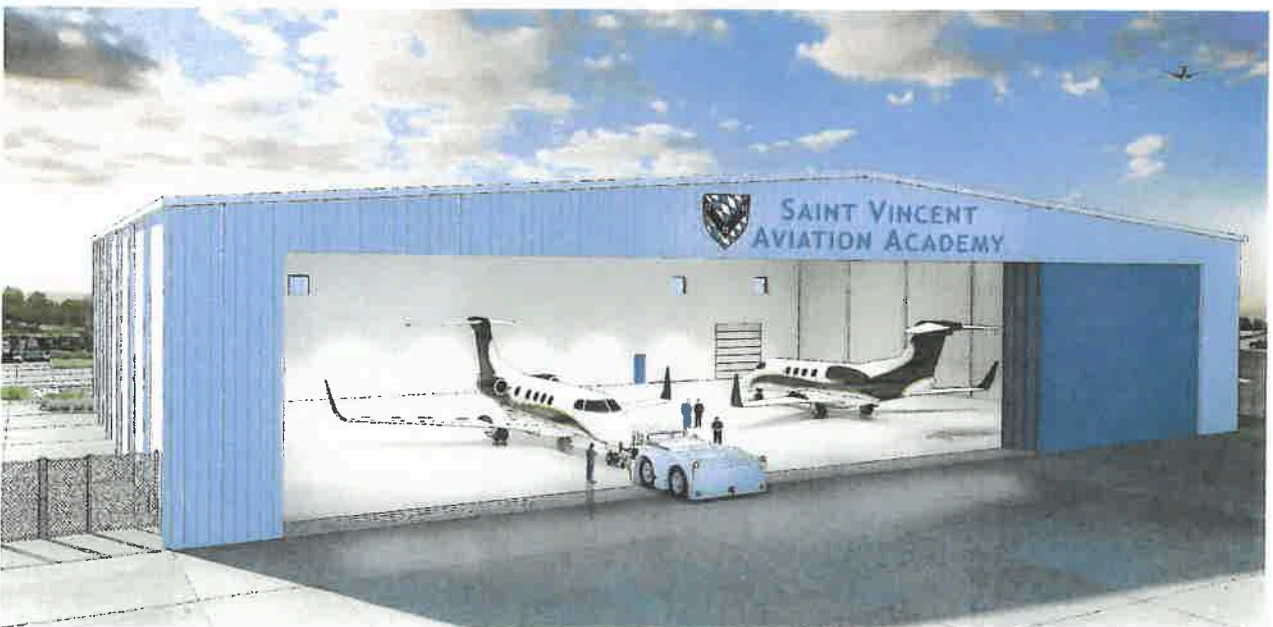
McFarland Johnson



SAINT VINCENT COLLEGE



Arnold Palmer Regional Airport



FEBR

McFarland Johnson



SAINT VINCENT COLLEGE



Arnold Palmer Regional Airport





- **Aviation Funding Reform:** The aviation industry is a linchpin of Pennsylvania's economy, creating jobs and driving economic development. Reforming aviation funding is essential to maintaining the safety and success of our aviation infrastructure. In 2019, PA aviation generated over \$34 billion in total economic output, employed 226,000 people with family sustaining wages and accounted for over 4.3 % of the state Gross Domestic Product. With the sunset of the Bipartisan Infrastructure Law in 2025, the aviation funding gap will be \$ 124.5 million. Currently the state only invests \$22 million annually. This increase will be invested into
  - i) Aviation Workforce*
    - (1) Facilitate the development and creation of new flight academies or trade schools
    - (2) Enhance existing scholarship or tuition reimbursement programs to support aviation
    - (3) Develop an Airport Technical Assistance Program (AirTAP)
  - ii) Economic Development and Hangar Development*
    - (1) Develop a Pennsylvania Airport Hangar Revolving Loan Fund (PAH-RLF) with \$25 million commonwealth investment
    - (2) Deregulate small airport hangar construction by providing an exemption on instillation of fire suppression equipment in hangars smaller than 12,000 sq. ft.
  - iii) Land Use Planning and Zoning/Education*
    - (1) Enact Legislative options for requiring Airport Hazard Zoning over a phased period of time and provide technical assistance to municipalities in the interim
    - (2) Identify and advance needed legislation to the State Planning Board
    - (3) Develop an AirTAP specifically to provide assisting for airport manager to improve their planning skills
  - iv) Commercial Air Service Development*
    - (1) Develop "Fly Local" programs throughout PA that offer state financial support creation of the Governor's Action Team for Aviation and subsequent appropriation
    - (2) Develop and fund alternative fuels infrastructure to accommodate hybrid-electric and electric aircraft
    - (3) Develop a state grant program for airport marketing and route development
  - v) Aviation Technology*
    - (1) Prepare for Advanced Air Mobility and plan for electric vertical take off and landing (eVTOL) aircraft by defining a statewide protocol for developing vertiports



- (2) Establish a Flight Information data exchange to foster public-private sector collaboration on research, testing and deployment
  - (3) Develop policy guidance to assist airports in preparing for new and existing commercial UAS activities
  - (4) Provide an appropriate level of staffing within the Bureau of Aviation for a UAS/AAM manager to facilitate coordination of statewide AAM initiatives.
  - (5) Develop a framework for the safe and efficient use of drones and other unmanned aircraft technologies.
- 
- **Change to the Separations Act:** The Separations Act forces the public owner to serve as the general contractor for a project and each prime contracts directly to the public owner. This is an inefficient contract delivery method fraught with problems such as delays and claims, which are two culprits for projects being over-budget. This multiple prime delivery system only exists in three states and this system is not used in the federal, private, residential, and commercial markets. Modernizing the Separations Act is crucial to ensure efficiency of projects while maintaining that public construction projects remain transparent, cost-effective, and in alignment with contemporary best practices, safeguarding public interests and infrastructure investments.
  - **Right to Know – Countering vexatious requests**
  - **Hydrogen and Low Carbon Standards – Ensuring the general aviation community has access to low leaded fuel**