



Philadelphia International Airport (PHL) Northeast Philadelphia Airport (PNE)

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City of Philadelphia,
Department of Aviation



PHILADELPHIA INTERNATIONAL AIRPORT
NORTHEAST PHILADELPHIA AIRPORT



Department of Aviation's Northeast Philadelphia Airport (PNE)

Here's OUR Story...

PHLPNE

PHILADELPHIA INTERNATIONAL AIRPORT
NORTHEAST PHILADELPHIA AIRPORT

PNE Circa 1930s



PNE Today



- 1,150 acres in size
- Has 85 T-hangars, nine (9) corporate hangars, and six (6) storage hangars
- 2 Runways:
6/24: 7,000'
15/33: 5,000'
- Federally staffed Air Traffic Control Tower operating between 6am-11pm Daily

What is PNE's Role?



- **PNE is a General Aviation Reliever Airport**
- What does that mean? Let's break that down to General Aviation and Reliever
- **General Aviation** is a public use airport that does not have commercial service or has scheduled service with less than 2,500 passenger boardings each year. Typical operations include business flying, personal flying, instructional flying, and charter activity, aerial photography, law enforcement, banner towing, skydiving, sight seeing flights, medivac, organ transplant transport, search and rescue, agricultural such as crop dusting or mosquito spraying, media.
- More than 90% of civil aircraft registered in the United States are general aviation aircraft. And, more than 80% of pilots certificated in the U.S., fly general aviation aircraft.

What is PNE's Role?



- A **Reliever Airport** is an airport built to provide relief or additional capacity to an area for a primary commercial airport (PHL).
- **Reliever Airports** may also relieve the need for capacity by relocating non-jet general aviation activity from a commercial airport. By removing aircraft with lower capacities and slower speeds, the commercial airport is able to operate more flights with larger aircraft and handle more passengers increasing the overall efficiency of the commercial airport.
- **Reliever Airports** also spread out the aircraft over a wider area generally improving air traffic in the entire community.
- If PNE did not exist, a lot of air traffic that uses PNE would use PHL resulting in increased delays for the airlines.

Typical Aircraft Operating at PNE



- Examples of Flight Training Aircraft



- PNE has 4 flight schools: Legacy Aviation, ATP, Tailwinds and GQ Aviation. Together at any one time they average just over 300 students working on various licenses and certificates.

Typical Aircraft Operating at PNE



Corporate and Charter Aircraft



Typical Aircraft Operating at PNE



Other General Aviation Aircraft



Typical Aircraft Operating at PNE



Even...



Gyrocopter



Skydiving



Casino owner
Personal BBJ

General Aviation – Economic Impacts



- **General Aviation** generates more than \$247 billion in economic activity annually and supports 1.2 million jobs.
- Taken from a PennDOT 2022 publication:
 - PNE Economic Impacts:
 - Total Employment is 4,097 jobs
 - Total Payroll is \$302,395,800
 - Total Output is \$973,966,300

How Busy is PNE?

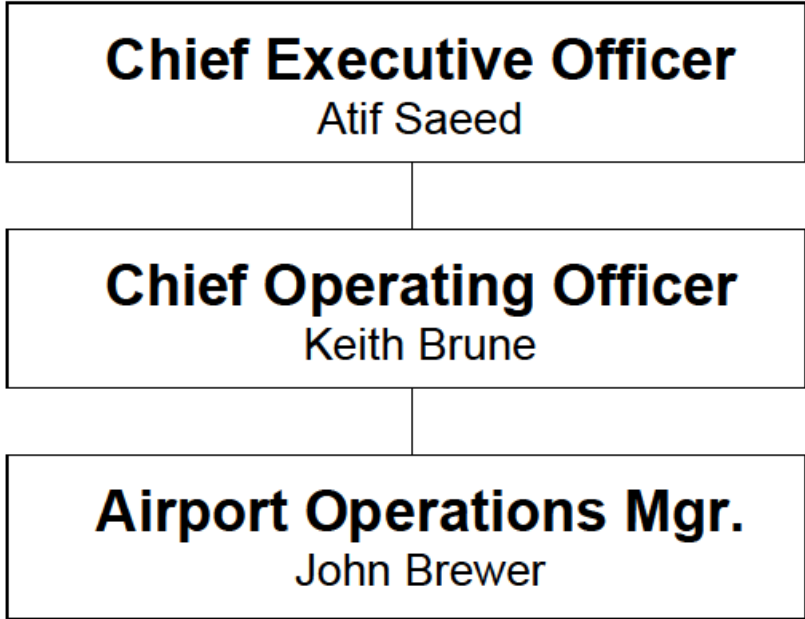


- PNE ended Calendar Year 2022 with 95,991 Annual Operations
- For Calendar Year 2022, PNE was the fourth busiest airport in Pennsylvania following PHL, PIT, and LNS.
- We are on track this year to end with 112,000 Operations which could move PNE up to the third busiest airport in Pennsylvania
- How Significant is that?
 - There are 120 public use airports in Pennsylvania with an additional 285 private use airports.
 - In the United States are approximately 5,000 public use airports with about 3,000 of those being general aviation with an additional approximately 14,400 private use airports. PNE Ranks 176 in the United States for calendar year 2022 based on FAA Operational Data.

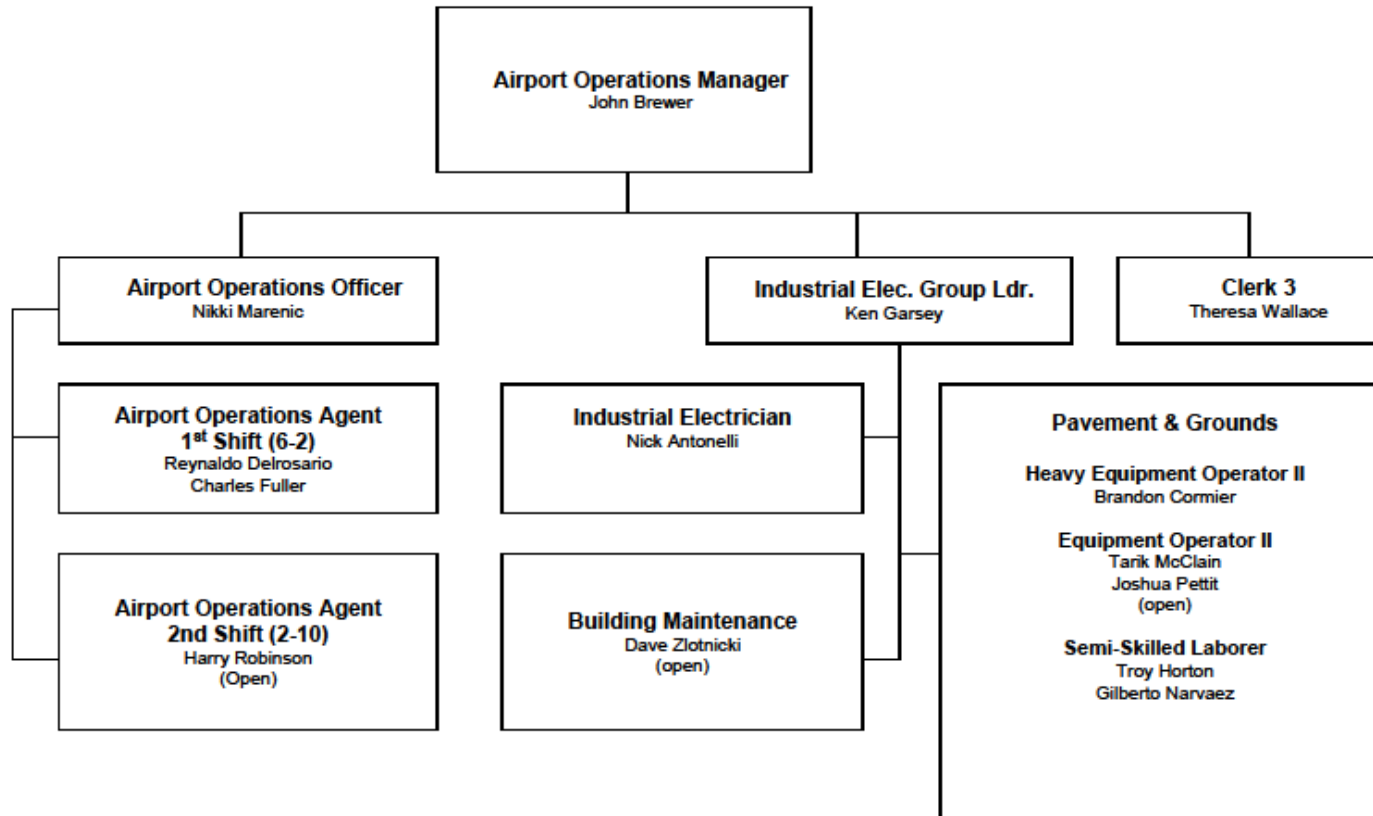
Organizational Chart



DEPARTMENT OF AVIATION
NORTHEAST PHILADELPHIA AIRPORT



Organizational Chart - PNE



Let's Meet Some PNE Staff



Rey – Security
Airport Ops Agent



Dave – Bldg Maint.
Mach & Equip Mech



Troy – P&G
Semi-Skilled Laborer



Nikki – Operations
Airport Ops Officer



Impact on the Department of Aviation's Mission & Vision



Vision

We are a World Class Global Gateway of Choice

Mission

Proudly Connecting Philadelphia with the World

As previously discussed the nature of this airport is to relieve traffic that would otherwise use PHL. However there are choices of General Aviation airports in the region so we need to strive to make PNE the regions Executive Airport of choice. We need to continue to plan for the future and keep the airport to high levels of standard to keep traffic using PNE and not even considering those other airports.

How does PNE Proudly Connect Philadelphia with the World...

The Value of Airports



The Gulfstream 650 can fly non-stop between PNE and Asian Markets.

Range – 8,600 miles.



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Vision

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Mission

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Fortune 500 Companies who regularly use PNE in order as listed by Fortune:

Wal-Mart, General Electric, Verizon Comm, General Motors, Cardinal Health, CVS/Caremark, Proctor & Gamble, Costco Wholesale, Target, Walgreen, Johnson & Johnson, United Technologies, Pfizer, Lowe's, Lockheed Martin, Dow Chemical, PepsiCo, Comcast, FedEx, General Dynamics, Fannie Mae, Delta Airlines (Delta Elite), Rite Aid, Philip Morris International, Deere, Motorola, GMAC, PNC Financial Services Group, Cigna, L-3 Comm, Gap, Loews, Sara Lee, Waste Management, Starbucks, etc.

What Do I Like Most About My Job?



What Do I Like Most About My Job?



What Do I Like Least?



PNE's Noteworthy Tenants – Atlantic Aviation



FBO (Fixed Base Operator)

Services Provided:

Fuel

Maintenance

Rental Cars

Hotel Reservations

Hangar Rentals

Catering

Basically whatever a pilot, aircraft or passenger needs an FBO will provide



PNE's Noteworthy Tenants - Leonardo



Operating in Northeast Philadelphia, PA since 1980 and employing nearly 900 people in 2020, AWPC produces the best-selling AW139 twin-engine helicopter and exclusively produces the AW119 single-engine helicopter. A net exporter, the site has delivered over 580 American-made helicopters which are in service across the world. Philadelphia is also home to AW609 final assembly — the world's first civilian tiltrotor — which has the potential to transform EMS, Search and Rescue, VIP/ Executive and Offshore transport by combining rotorcraft flexibility and turboprop performance into one versatile type.

In addition, AWPC also provides customer support, maintenance and overhaul for the entire Leonardo Helicopters portfolio of aircraft from Philadelphia, for operators in North and Central America. In 2021, Leonardo opened a brand new 60,000 sq/ft Training Academy for Pilots and Maintenance Technicians from all over North and Central America to learn to fly and maintain Leonardo helicopters. The Academy, part of an \$80 million expansion plan at the company's site in Philadelphia, features state-of-the-art classrooms, lounges, maintenance training bays, virtual-enhanced training devices and AW169/AW139/AW609 Flight Simulators.

PNE's Noteworthy Tenants - Leonardo



PNE's Noteworthy Tenants - CHUBB



A Corporate Aviation Hangar housing three Gulfstream Aircraft.



PNE's Noteworthy Tenants - Others



Federal Aviation Administration

Keystone Aerial Surveys

Executive Logistics

Aviation Institute of Maintenance

United Refrigeration

Fanatics

Chopper 3 and 6

Legacy Aviation

Tailwinds Flight Education

ATP

GQ Aviation

Philadelphia Police Dept.

Wawa

Flyers Skate Zone

Dept. of Recreation

William Penn Bank

Philadelphia Health Dept.

Philadelphia Soccer Club

Successes – New FBO Coming



Procurement issued an RFP for a new FBO leading to the selection of SARs Trilogy who will construct and operate the Aero Center Northeast Philadelphia. Revenue is finalizing the lease now with construction to begin soon for it's opening in time for the Philadelphia 2026 festivities.

Minimum Requirements:

\$10-million investment

Terminal – 5,000 sq.ft.

Hangar – 20,000 sq.ft.

Apron – 100,000 sq.ft.



PNE to get a new ATCT



PNE is one of 32 General Aviation Airports to receive a new Air Traffic Control Tower. Construction to begin in 2024 or 2025. The new tower is taller allowing the controllers a better overall view of the entire airport.



Existing



New

Successes- New Administration Building



Construction should begin early in 2024 and take about one year to complete. Total cost approximately \$4-million. Will have geothermal heating and cooling system. Much friendly and welcoming layout with better use of the space.



Aspirations – High Level



These next few years are going to transform PNE to a new look by aspiring to complete:

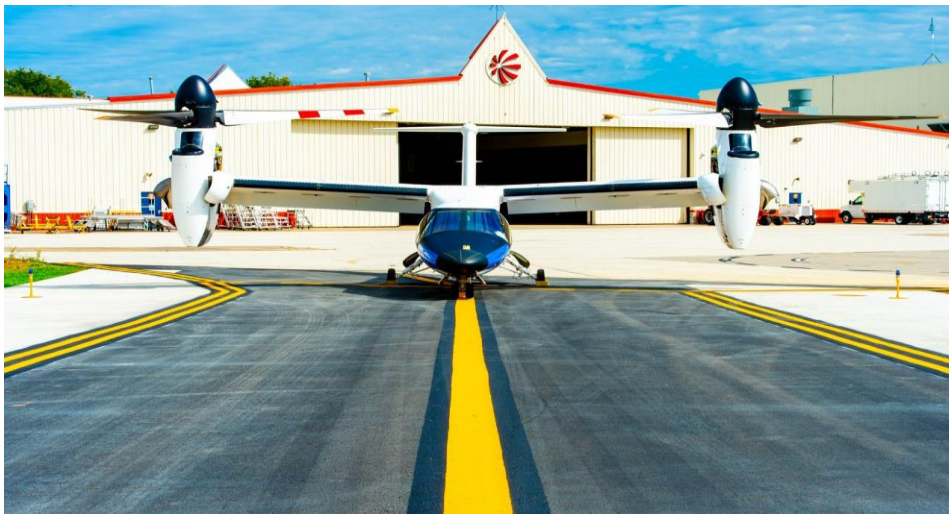
- Opening of a new FBO
- Opening of a new FAA Air Traffic Control Tower
- The rehabilitation of airfield infrastructure to include: Runway 15/33, Taxiways Lima and Charlie
- Security Fence Improvements
- Upgrades to several electrical components to include a new Airfield Lighting Vault

PNE Capital Development



Recently Completed Projects:

- Rehabilitation of Runway 6/24 - \$27 million
- Electrical Structures Relocation - \$900 thousand
- Airfield Navigational Sign Upgrades - \$2 million
- Taxiway J1 expansion into Leonardo - \$1 million
- Creek Culvert with Flap Gate for wildlife control - \$700 thousand



PNE Capital Development



Projects Currently in Design:

- Perimeter security fence replacement - \$3.6 million
- Rehabilitation of Taxiway Charlie - \$14 million
- Rehabilitation of Runway 15/33 - \$22 million
- Miscellaneous Electrical Project - \$5 million



PNE Capital Development



Projects Currently in Construction:

- Rehabilitation of Taxiway Lima - \$11 million
- Sidewalk Replacement along Academy Road
- 10 Handicap Ramps being replaced
- Removal of drain along apron



PNE Capital Development



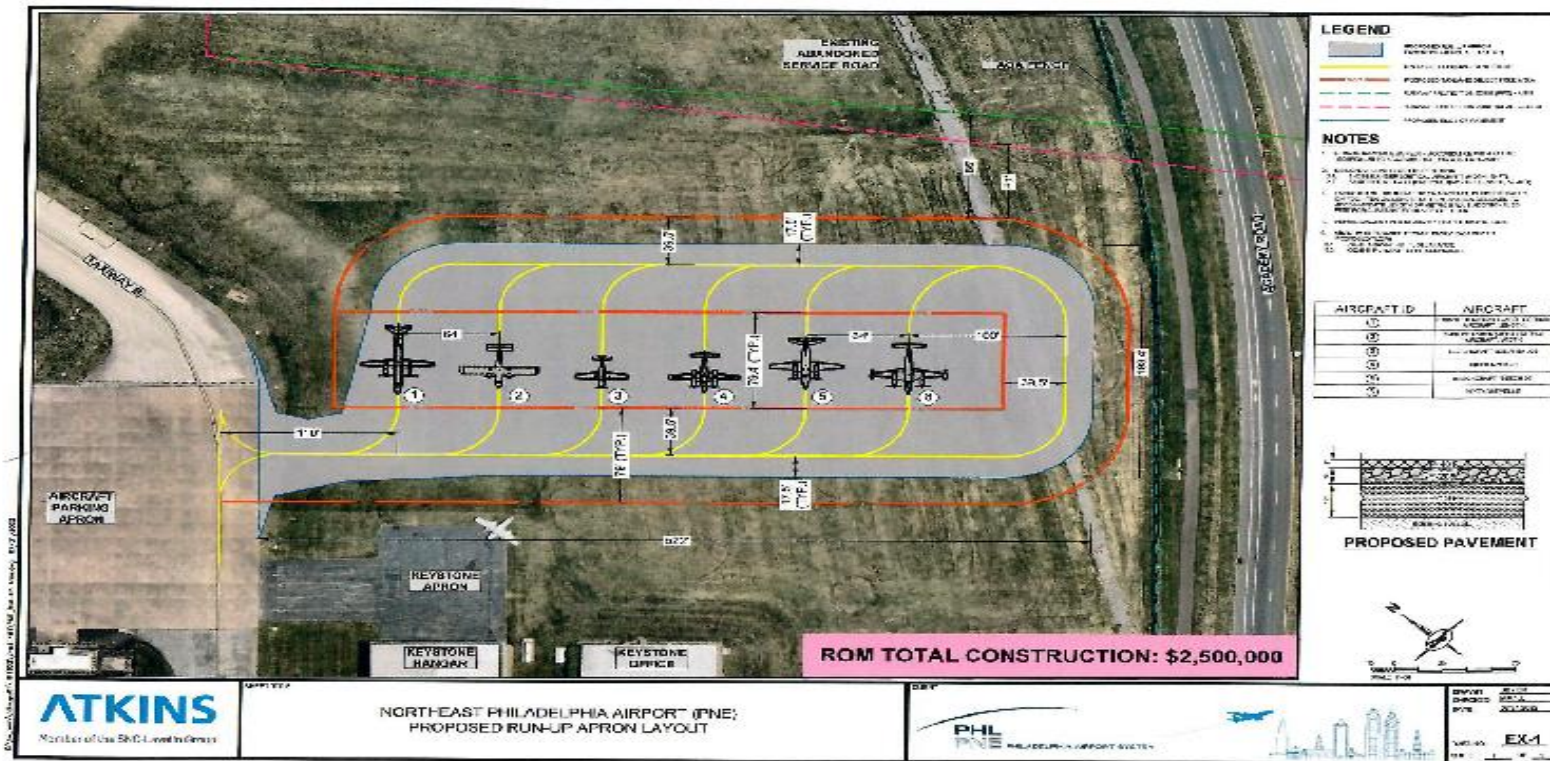
Future Projects:

- Rehabilitation of Taxiway Alpha - \$22 million
- Relocation of Taxiway Golf - \$16.5 million
- Construction of a Run-up pad to reduce airfield congestion and delays - \$2.5 million
- Landside road and parking lot improvements - \$3 million
- Vehicle storage building - \$3 million
- Re-Issuing a RFP – Solar Farm

Aspirations – Runup Pad



Why? Reduce airfield congestion and delays



Aspirations – Landside Redesign



This project will reduce traffic congestion in front of Atlantic allowing for better traffic flow and increased parking.



What do PNE Tenants Want?



Customs.

We have included Customs as a requirement for the new FBO Operator. Why is this important?

Tenants flying into PNE from International destinations have to land and clear at another airport prior to continuing on to PNE. That is both costly and requires time.

PNE Tenants who would prosper from having Customs includes:

CHUBB, Keystone Aerial, United Refrigeration, Fanatics, Crown, Executive Logistics and the many Charter Companies using PNE.

What do PNE Tenants Want?



A Hotel. FBO have crews that require overnight stays and Leonardo has pilots and mechanics in training who are at the airport for several weeks.



Collaboration



How is all the above accomplished?

The old cliché – TEAM EFFORT

PNE is supported by ALL the various units at PHL. To list only a few would not be justified. However, of all the units I work the most with the Capital Design Group, Revenue and Procurement.



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Thank You!

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