

**Pennsylvania Society of Professional Engineers
Philadelphia Chapter**

Thursday, January 6, 2022

Registration: 5:00 PM to 5:45 PM

**Food, Walking Tour, Q&A, and Networking
6:00 PM to 8:00 PM**

Sandwich and Presentation at 6PM followed by a walking tour

Boeing V22 Future Factory Presentation & Tour

Join PSPE members and other interested guests on a presentation and tour of the recently renovated V22 “Future” Factory as described in the recent ENR article [Award of Merit Manufacturing: Boeing V-22 Osprey Future Factory – Historic Production Building Renovation](#)

Learn how the former steel foundry was transformed into a modern dual line aircraft facility supporting both [V22 Osprey](#) new production as well as the [V-22 Common Configuration - Readiness and Modernization](#) (CC-RAM) program.

The 300,000 ft sq foundry building was originally constructed in 1928-30 for [General Steel Castings](#). After purchasing the Vertol Aircraft Corporation in 1960, Boeing converted the foundry building to H47 Chinook parts production. By 2000 the building was no longer needed, with many Chinook parts now sourced from the outside. With the award of the NAVAIR CC-RAM program in 2017, Boeing decided to provide a common location for both current V22 production as well as the modernization of the 130 previously produced aircraft already in service. This revitalization project breathed new life into a 90 year old, disused facility.

Lead design firm Gannett Fleming provided the MEP/Structural design package. STV provided construction management services. Skanska provided GC construction services and Anthony Biddle Contractors provided site & civil construction services. MBP was the commissioning agent, and Hill International provided auditing service for the project contract.

The 52 ft high bay area was given a complete makeover with new flat concrete flooring, offices, LED lighting, HVAC, electrical substations, insulated siding, fire alarm and public address systems. The presentation will highlight the construction challenges and solutions needed to bring this project to a successful conclusion.

Tour Details:

Park in Lot 11 in Boeing Center South (See the attached site map)

Meet 5:00 to 5:45PM at the Boeing Visitor Center (Bldg 86-410) to get your visitor badge. At 5:45 we'll walk as a group to the 3-57 Osprey Room for a sandwich & presentation, then a walking tour of the V22 Factory.

Safety Glasses and factory footwear are required. (no open toe shoes) All visitors must be US Persons

Pre-registration is required for badge clearances (provide Name, Company, email, Phone number)

GPS Address: 300 Industrial Highway, Ridley Park PA 19078.

The Pennsylvania Society of Professional Engineers, through PIE, will evaluate and approve this “activity” which meets the continuing education license requirements for 1.0 Professional Development Hour in New York State. PSPE believes the “activity” will be accepted for credit in PA, NJ and other National Model states where activities do not require pre - approval.

Philadelphia – Ridley Township

Stewart Ave. and Industrial Hwy., Ridley Park, PA 19078

