

Air Force Installation & Mission Support Center



2025 DAF Design Awards Program

Jury Results



2025 DAF Design Awards Program



HONOR AWARD

FACILITIES RENOVATIONS AND ADDITIONS CATEGORY

Intelligence Production Complex F/10854

Wright-Patterson AFB, Ohio

Design Organization: Black & Veatch

Design Agent: US Army Corps of Engineers

Base Engineering Organization: 88th Civil Engineering Group

Project Highlights:

- *Well conceived plan for roadway and utilities alignment allows ensuing construction to preserve ongoing operations of classified facilities and to provide a contiguous building addition*
- *Creative use of art glass, where existing meets new, satisfies security and privacy requirements and introduces natural light*
- *Interdisciplinary research of HVAC concepts advances a highly efficient air-cooled chilled beam system supporting traditional hot-water boilers with substantial life-cycle cost savings*



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HONOR AWARD

FACILITIES NEW CONSTRUCTION CATEGORY

New Fire Crash / Rescue Station

Peoria ANGB, Illinois

Design Organization: Burns & McDonnell

Design Agent: National Guard Bureau

Base Engineering Organization: Peoria Air National Guard

Project Highlights:

- *Functional and flexible design easily accommodates future mission requirements for numerous reconfigurations or adaptive use*
- *Highly durable and efficient wall and roof systems meet AFCFS and create a high-performance building envelope to reduce energy use*
- *Interiors follow contamination-control protocols to promote personnel health, and spaces are arranged to optimize rapid response*
- *HVAC system's zoned hydronic radiant slabs are fully expandable and highly life-cycle cost effective*



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MERIT AWARD

FACILITIES NEW CONSTRUCTION CATEGORY

Presidential Aircraft Recapitalization Complex

JB Andrews, Maryland

Design Organization: FSB-Pond JV

Design Agent: NAVFAC Washington

Base Engineering Organization: 316th Civil Engineer Squadron

Project Highlights:

- *Stringent security, cybersecurity and mission requirements are satisfied for a diverse specialized support infrastructure*
- *IFS efficiencies for building envelope, MEP and lighting are applied to yield a 25% energy savings above the ASHRAE 90.1 baseline*
- *Configurable access and conveying equipment increases safety of personnel and reduces time for maintenance and equipping aircraft*
- *Facilities are designed to hold multiple airframes and may be extended with an additional bay and taxiway as needed*





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CITATION AWARD

FACILITIES NEW CONSTRUCTION CATEGORY

Joint Simulation Environment (JSE) Facility

Edwards AFB, California

Design Organization: Michael Baker International

Design Agent: US Army Corps of Engineers Los Angeles District

Base Engineering Organization: 412th Civil Engineer Group

Project Highlights:

- *Functional modern structure combines regional materials with a prominent main entrance feature for shading and daylighting*
- *Reflective, white membrane roofing reduces heat gain and energy consumption in the hot and dry desert environment*
- *Design showcases the optimization of thermal mass using ICF (insulating concrete forms), supplemented by high-efficiency HVAC units to exceed ASHRAE 90.1 requirements*



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