

**LaGuardia Airport,  
Queens, N.Y.**

The FAA and Port Authority of New York and New Jersey commissioned Jacobs of Arlington, Va., to design a new, state-of-the-art air traffic control tower for LaGuardia Airport to replace the existing air traffic control tower, which had been constructed in 1962. The new 233-foot (71-m) tall tower raises the control cabin about 70 feet (21 m) above the old one, giving the air traffic controllers an unobstructed, 360° view of all of the runways and taxi areas. Although the construction of the \$62-million tower was completed in the fall of 2009, it will not become operational until fall 2010.

BAMCO Inc. engineered and fabricated 9,500 square feet (883 m<sup>2</sup>) of Alcoa Architectural Products' Reynobond ACM, 4 mm, FR core with a Regal White Colorweld 300 finish; 25,000 square feet (232-m<sup>2</sup>) of Reynobond ACM, 0.16-inch (4 mm), FR core with a Custom Blue Colorweld 300 finish; 4,000 square feet (372 m<sup>2</sup>) of Reynobond ACM, 4 mm, FR core with a Platinum Colorweld 300 finish; and 6,000 square feet (557 m<sup>2</sup>) of Reynobond ACM, 4 mm, FR core with a Grey Velvet Colorweld 300 finish to clad the exterior of the base building and cabin including the soffits and fin panels.

Custom Exterior Systems installed the metal panels in BAMCO's D-500 system, which uses a composite spline as the reveal

in the panel joints. The cab and base building were clad in Reynobond ACM and corrugated panels from CENTRIA's Concept Series. The interior walls of the walkway around the cabin were clad in CENTRIA Formawall foam panels. The roofs of the tower and base building were fabricated from CENTRIA SRS3 roof panels. ADP Series roof panels were used on the base building canopies.

**Architect:** Jacobs,

**Arlington, Va.**

**Engineer/fabricator:** BAMCO Inc.,

**Middlesex, N.J.**

**Installer:** Custom Exterior Systems,

**Sloatsburg, N.Y.**

**General contractor:** Torcon Inc.,

**Red Bank, N.J.**

**Manufacturers:** Alcoa Architectural

**Products, Eastman, Ga.,**

**www.reynobond.com, Circle #60**

**CENTRIA, Moon**

**Township, Pa.,**

**www.centria.com, Circle #61**



**Gary Jet Center—West Hangar,  
Gary, Ind.**

More than 74,000 square feet (6,875 m<sup>2</sup>) of Metl-Span insulated roof and wall panels were used on the new Gary Jet Center. Located at the Gary/Chicago International Airport, it is a full-service fixed base operator.

Approximately 34,000 square feet (3,159 m<sup>2</sup>) of 2 1/2-inch (64 mm) CF-42 Mesa wall panels clad the facility, including the massive doors that measure 220 feet (67 m) wide and 28 feet (9 m) high. The wall panels were finished in Regal Gray on the exterior with Igloo White on the interior. Approximately 40,000 square feet (3,716 m<sup>2</sup>) of 4-inch (102-mm) CFR-42 panels were utilized on the roof. The roof panels were finished in Polar White on the exterior and Igloo White on the interior. The 38,000 square foot (3,530-m<sup>2</sup>) building was provided by Varco Pruden Buildings.

"The owner wanted an energy-efficient building," said Doug Wilhite with Lee Cos., Gary, the project manager. "We recommended the Metl-Span one-piece insulated system that would save labor costs as well as provide good efficiency."

**Architectural design:** Ghafari Associates

**LLC, Chicago**

**Project Manager:** Lee Cos.,

**Gary, Ind.**

**Installer:** Kerrcon Inc.,

**Portage, Ind.**

**Hangar door provider:** Norco Universal Door

**Systems, Franksville, Wis.**

**Manufacturers:** Metl-Span,

**Lewisville, Texas,**

**www.metlspan.com, Circle #62**

**Varco Pruden Buildings,**

**Memphis, Tenn.,**

**www.vp.com, Circle #63**

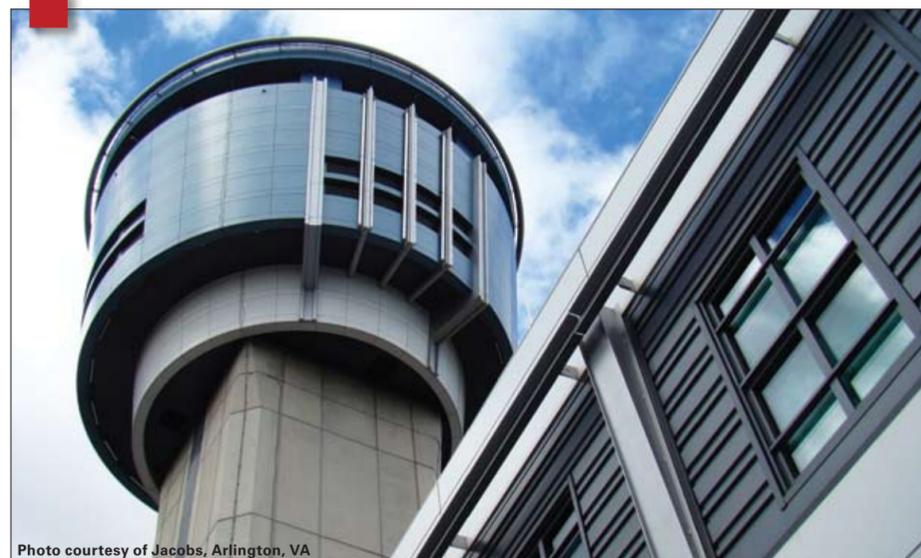


Photo courtesy of Jacobs, Arlington, VA

