



Homeland Security Office Added to Yeager Airport Terminal

When the Central West Virginia Airport Authority needed new offices at Yeager Airport for the Transportation Security Administration (TSA), a Department of Homeland Security division responsible for baggage screening and airport security, they turned to Buchart Horn.

Buchart Horn developed a plan for 4,500 square feet of new TSA security space on the roof of the 1940s-era concrete terminal building. This placed the expansion next to the airport executive offices and in a perfect location to maximize air terminal security. The design provided biometric and proximity security devices, inside and outside runway observation areas, training areas, and an IT room.

The addition of the office and security equipment added significant weight to the roof. After extensive structural analysis, Buchart Horn engineers developed an innovative solution that transferred a majority of the weight to the floors below. This \$1,200,000 project also included ADA compliant restrooms, HVAC improvements, and sprinkler protection for the terminal.