

Boeing

Location: Seattle / Puget Sound area, WA

Dealer: WRS Cover-All

Application: Containment room for construction project

Building Series: Legend®

Building Size: 72' wide (21.9m) x 72' long (21.9m)



Cover-All – Provides Building Solution for Boeing

Problem: To contain all construction dust to avoid contamination or interrupting critical production time in the clean room area.

Solution: All construction was planned to be completed within the sealed Cover-All® building allowing both containment and evacuation of all dust and debris.

Boeing is the world's leading aerospace company and the largest manufacturer of commercial jetliners and military aircraft combined. In terms of sales, Boeing is the largest U.S. exporter. The company, with a 70-year heritage of leadership in commercial aviation, has nearly 12,000 commercial jetliners in service worldwide, which is roughly 75 percent of the world fleet. In the fall of 2005, Boeing needed to install a new piece of equipment inside one of their production buildings. Like many companies, Boeing has a need to control air flow and air quality since dust is a critical factor when working with composite material.

Working with Cover-All Building Systems, Boeing developed an excellent solution, using a 72' wide x 72' long (21.9m x 21.9m) Legend® building. "We chose a Cover-All building because of the clear-span space that is available while optimizing the overall floor space," says Jon Larscheid, P.E., Major Projects & Construction Management. The timelines for this project were very tight. Once the building was ordered, it was delivered in 43 days and installed during the one week shutdown over Christmas holidays, to eliminate any lost work hours in production. "The construction was very smooth, methodical and well constructed in a very short time period," says Larscheid. "The building performed extremely well for its intended function."

The building was required to be removed over one weekend in June. All materials needed to be transported outside the building so that manufacturing could begin on Monday morning, without missing a day of production. In addition to this, all of the equipment used to install and take down the building, needed to be propane or electric powered or else vented to the outside of the main building. "Both the installation and removal crews performed exceptionally," says Larscheid. "They went well out of their way to ensure our aggressive schedule was maintained. They were very professional and worked beyond 'normal' work hours to ensure the installation and removal was complete and to our satisfaction."

Boeing is very happy with how Cover-All met their needs. "The overall process from ordering to removal of the building was extremely timely," says Larscheid. "The Cover-All team was very thorough and professional." In fact, Boeing is considering using a Cover-All® building in future projects. "The Cover-All portion of the project turned out to be the least of our worries in a very tight, schedule driven project. We wish we could rely on all our products and vendors to work this well."

Working together, Cover-All Building Systems and Boeing were able to identify an effective solution which allowed production in their manufacturing plant to be uninterrupted. Cover-All met the tight timelines for the project and is proud to be one of two suppliers to Boeing to receive an endorsement. This is a testimonial that Cover-All Building Systems continues to be the industry leader in fabric membrane building construction. Cover-All can work with any company to develop diversified building solutions to meet any unique need.

"The overall process from ordering to removal of the building was extremely timely. The Cover-All team was very thorough and professional."

– Jon Larscheid, P.E., Major Projects & Construction Management



"Both the installation and removal crews performed exceptionally, they went well beyond their way to ensure our aggressive schedule was maintained," says Larscheid.



The clear-span space and ease of installation were the main reasons for choosing a Cover-All® building.



The Cover-All® building was installed under very tight timelines and was put up in less than one week and taken down over the weekend.