Achieving Unlimited Heights at Spokane International Airport

Airport expansion and modernization projects present unique challenges, particularly in high-ceiling environments where traditional construction barriers fall short. Spokane International Airport (GEG) faced this reality when embarking on a large-scale terminal renovation requiring temporary walls that could enclose multi-story work zones while maintaining full airport operations.

Challenges of High-Reach Temporary Walls in Airport Construction

GEG required a structurally engineered, fire-resistant, and sound dampening modular wall system that could be installed rapidly while maintaining a professional appearance. SwiftWall® Max delivered a solution that met all these needs—providing a secure, high-reach enclosure that reduced noise, improved safety, and accelerated project timelines.

Structural Stability & Safety

Barriers must withstand wind loads, seismic activity, and constant airflow pressure to ensure stability in high-traffic areas.

Noise Reduction & Passenger Comfort

Uncontrolled construction noise (often exceeding 85 dB in active zones) can lead to passenger complaints, lower customer satisfaction scores, and operational concerns.

Rapid Installation Without Operational Disruptions

Traditional drywall partitions require days of installation, extensive labor, and costly demolition at project completion

Flexibility for Changing Work Zones

Large-scale renovations require modular walls that can be reconfigured as work areas shift.

Fire Resistance & Compliance

Airports must meet ASTM E-84 standards, requiring non-combustible materials to enhance safety.

Aesthetic & Professional Finish

Tall partitions must maintain a clean, professional appearance that blends seamlessly with airport architecture.

Spokane International Airport's terminal expansion project required temporary walls reaching up to 25 feet in height to separate active construction from passenger areas while minimizing noise disruptions.

THE IMPACT

Zero Operational Disruptions
Despite large-scale construction, airport functions remained uninterrupted, ensuring a seamless traveler experience.

Significant Cost & Time Savings –
Compared to drywall solutions, SwiftWall® reduced installation time by 80% and eliminated material disposal costs.

Enhanced Passenger Comfort –
STC 40-rated noise reduction mitigated disruptive construction sounds, preserving a calm airport environment.

Sustainability & Reusability
SwiftWall® panels were reused across multiple phases, minimizing waste and project costs.

Secure High-Reach Barriers
Load-bearing design enabled a **floor-to-ceiling** enclosure with enhanced stability.

Fire-Resistant & Non-Combustible
Compliant with airport safety codes, providing a secure, regulation-approved solution.

"

SwiftWall allowed us to create a soundproofed and structurally stable enclosure for our renovation project—without disrupting passenger flow. Its rapid installation kept us on schedule while meeting safety and compliance standards.

PROJECT MANAGER, SPOKANE INTERNATIONAL AIRPORT

SWIFTWALL®

TRANSFORMING AVIATION CONSTRUCTION

REDEFINING HIGH-REACH, FIRE-RESISTANT TEMPORARY WALLS FOR AIRPORTS

By leveraging SwiftWall® Max's advanced engineering, noise control, and compliance with fire safety standards, Spokane International Airport successfully enclosed its multi-level renovation zones while ensuring passenger safety, noise reduction, and streamlined project execution.

Comparing SwiftWall® Max to Traditional Solutions

To highlight the advantages of SwiftWall® Max, below is a direct comparison of its installation speed, cost-effectiveness, durability, and noise reduction versus traditional drywall partitions.

FEATURE		TRADITIONAL DRYWALL
INSTALLATION TIME	**80% FASTER** pre-fabricated, minimal tools	Requires days of labor, framing, taping, sanding
MATERIAL COSTS	Lower cost **REUSABLE & MODULAR**	Higher cost, one-time use, extensive labor
FIRE RESISTANCE	**ASTM E-84**	Requires finished surface for compliance
NOISE REDUCTION	**STC 40** a proven noise barrier	Limited acoustic control
REUSABILITY	**100% REUSABLE** for multiple phases	One-time use, demolition required
AESTHETIC QUALITY	**CLEAN, PROFESSIONAL FINISH**	Requires painting & finishing

With its stackable, reinforced, and visually appealing panels, SwiftWall® Max is setting the standard for high-reach, fire-resistant, and soundproof temporary walls across airports, event spaces, and industrial facilities worldwide.

For more details on how SwiftWall® can support high-reach, soundproofed temporary wall solutions, visit swiftwall.com.