



Transpo Industries, Inc. manufactures a variety of innovative products and materials designed for improving airfield, road and bridge safety and preservation. The company's reputation as an expert in rehabilitation, preservation and safety has made Transpo a leading supplier since 1968.

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Blast-Safe®

JET-BLAST BARRIER SYSTEM

Jet-Blast Barrier for Protecting Airport Assets

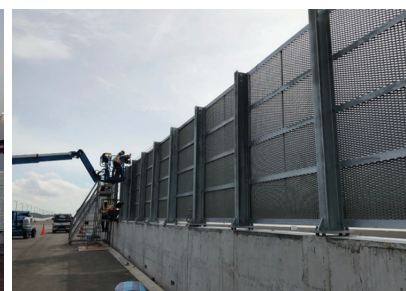
Transpo's Blast-Safe® Jet-Blast Barrier system provides positive protection for pedestrians, ground vehicles and other airport facilities that may be subjected to jet-blast hazards from nearby runways, taxiways and tarmacs.

The key component of the system is a unique double-reverse corrugated steel fabric, originally developed for NASA. Blast-Safe's® "open" structure allows jet-blast air to be diffused safely through the system, while preventing penetration of sand, stones, or other damage-causing debris. The system also acts as security fence, noise attenuation barrier and glare screen for added safety benefits.

Blast-Safe® installations are custom designed to fit existing airport layout and geometry, promoting maximum utilization of limited right-of-way space.



Transpo engineers design each barrier to meet the requirements of the facility owner.



SAFER TRANSPORTATION THROUGH INNOVATION

Blast-Safe®

JET-BLAST BARRIER SYSTEM

Features and Advantages

Small Footprint:

Blast-Safe® installations, up to 14 ft high, incorporate stand-alone post connections, which minimizes lateral space occupied by the barrier. This design characteristic saves valuable facility land area, and allows placement of barrier in existing “tight” locations.

Superior Jet-Blast Protection:

The key component of Blast-Safe® is the double-reverse corrugated steel fabric, which safely diffuses high-velocity jet-blast streams, and prevents penetration of solid debris. The diffusion process offers superior protection because it physically dissipates jet-blast hazards.

Modular Construction:

Blast-Safe®’s modular components may be constructed on-site, or pre-assembled and quickly erected in place to minimize delays in airport operations.

Custom Designed:

Each Blast-Safe® installation is custom designed to ensure proper height, strength, and layout for your application. Access doors for personnel and equipment, lighting and other site-specific features are easily incorporated into the system for added safety and convenience.

Technical Data

Sizes:

Blast-Safe® is custom designed to fit a wide variety of site characteristics. Length, height, and strength of the system are varied depending on type, proximity, and operational conditions of adjacent aircraft. Typical Blast-Safe installations are 8,10,12, or 14 ft. high. Custom heights are available.



Materials:

Blast-Safe®’s sheathing is 25 gage double-reverse corrugated steel fabric, galvanized in accordance with ASTM A653, Coating Designation G90. All framing components are fabricated from standard structural steel shapes galvanized in accordance with ASTM A123. All hardware is structural grade and galvanized in accordance with ASTM A153. Steel-reinforced concrete footings area designed for site-specific jet-blast loading and local soil.

Design Plans and Specifications:

Transpo engineers are available to evaluate proposed Blast-Safe® locations, and prepare detailed construction plans and specifications in conjunction with airport staff and consulting engineers. We assure that each Blast-Safe installation meets the highest safety standards and provides the best solution for protecting your valuable airport assets.



Need More Information?

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Contact the safety experts at Transpo to find out more about the various products we offer. If you need advice on how to install the product, the professionals at Transpo will guide you through the process. Project specific questions? We can assist you in creating a cost-effective, tailored solution for your project.

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