



Expeditionary and Mobile systems are designed to establish a temporary vehicle access control point at remote and forward operating sites, or at any necessary temporary checkpoint location. Expeditionary ACP sites include vehicle barrier(s), warning signals, guard stations, and devices by which to create a vehicle lane. AAR offers a variety of innovative solutions depending on the site conditions.

SURFACE MOUNTED PLATE BARRIER

The AAR surface mounted plate barrier (SMPB) is a US Marshalls Rated expeditionary/temporary vehicle barrier. The AAR-SMPB can be used as an active barrier when outfitted with a portable operator or as a passive barrier when mounted in the up, fixed, and armed position. Typically, it is deployed as a temporary solution as either a stand-alone active system at a vehicle control point, in tandem with other fixed plate barriers to form a perimeter, or as a reinforcement to existing measures such as non-rated chain-link perimeter gates. Multiple plate barriers can be used in tandem to form a hardened passive perimeter while a single portable operator can then be utilized to individually raise or lower all the barriers, as necessary, thus eliminating the need for each system to have its own dedicated operator. The AAR-SMPB is available as a complete expeditionary kit, including Surface Plate Barrier, Operator, Remote Control, and Trolley and is fixed to the ground by Hilti 7/8" Threaded Rods in Hit HY 150 Epoxy. The AAR-SMPB does not require any fixed power sources or embedded civil works.



ASTERIX BARRIER™

Asterix Barriers™ are used as a rapidly deployable temporary passive barrier, ideal for mobile traffic channeling. They are easily transportable and come in a boxed set of three. The barriers are quickly and easily assembled, can be used individually or as an interconnected set, and can be deployed by a single person.



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EXPEDITIONARY/ MOBILE ACCESS CONTROL PRODUCTS

COMANCHE NET™

This unique AAR Net based vehicle barrier is a portable active vehicle barrier designed to successfully Disable and Capture a moving vehicle by; Disabling the vehicles tires via the active integrated Tire Killer spike system, Enveloping the vehicle in the Comanche style Capture Net, Controlling and Stopping the vehicle in a predictable manner. The Comanche Net™ safely envelopes the vehicle and brings it to a controlled stop in a predictable manner. The advantages of the net based approach are that it minimizes damage to the vehicle, the occupant, and to surrounding infrastructure and people. Traditional tire spikes alone do not control the vehicle after impact, resulting in a potentially dangerous situation for the driver and the surrounding community while net based systems alone do not envelope and capture the vehicle, allowing it to escape after engagement. The Comanche Net solves both problems by integrating the two technologies. Designed for rapid deployment by military, police, and various security forces, the Comanche Net is ideal for establishing a mobile checkpoint, particularly in crowded public spaces, or for capturing a high-speed vehicle in open terrain. The system is designed to be easily transportable and can be set-up in under 10 minutes with adequate resources.

Multiple real-world vehicle arrestments have been conducted and documented using the unique textile modular braking technology of the Comanche Net™. This technology has been adapted from its proven application in aircraft arresting systems, in partnership with the world's leading aerospace company. The United States Air Force, the French Air Force, NATO allies, and various Air Forces world-wide all trust these braking systems to protect their pilots and jets.



MOBILE GUARD BOOTHS/ BALLISTIC RESISTANT ENCLOSURES

The Atlantic Anti-Ram Ballistic Resistant Enclosure (BRE) is a rigid structural enclosure that provides shelter from the environment as well as ballistic protection from projectiles identified in the National Institute of Justice Standard #0108.01, Level IV. Sized for 1 to 4 occupants, the five (5) transparent ballistic windows provide maximum visibility while each wall of the enclosure may contain up to two (2) gun ports that are manually operated. The complete enclosure can be mounted directly to the surface or to a customized trailer that allows rapid deployment to remote locations. The mobile (MBRE) unit can be towed by a variety of existing commercial and military vehicles. Designed for extreme and hostile environments, it is a self contained unit that provides mobility, power, lighting, heating, and cooling functions to the occupants via shore power and/or an appropriate sized multi-fuel generator.

