

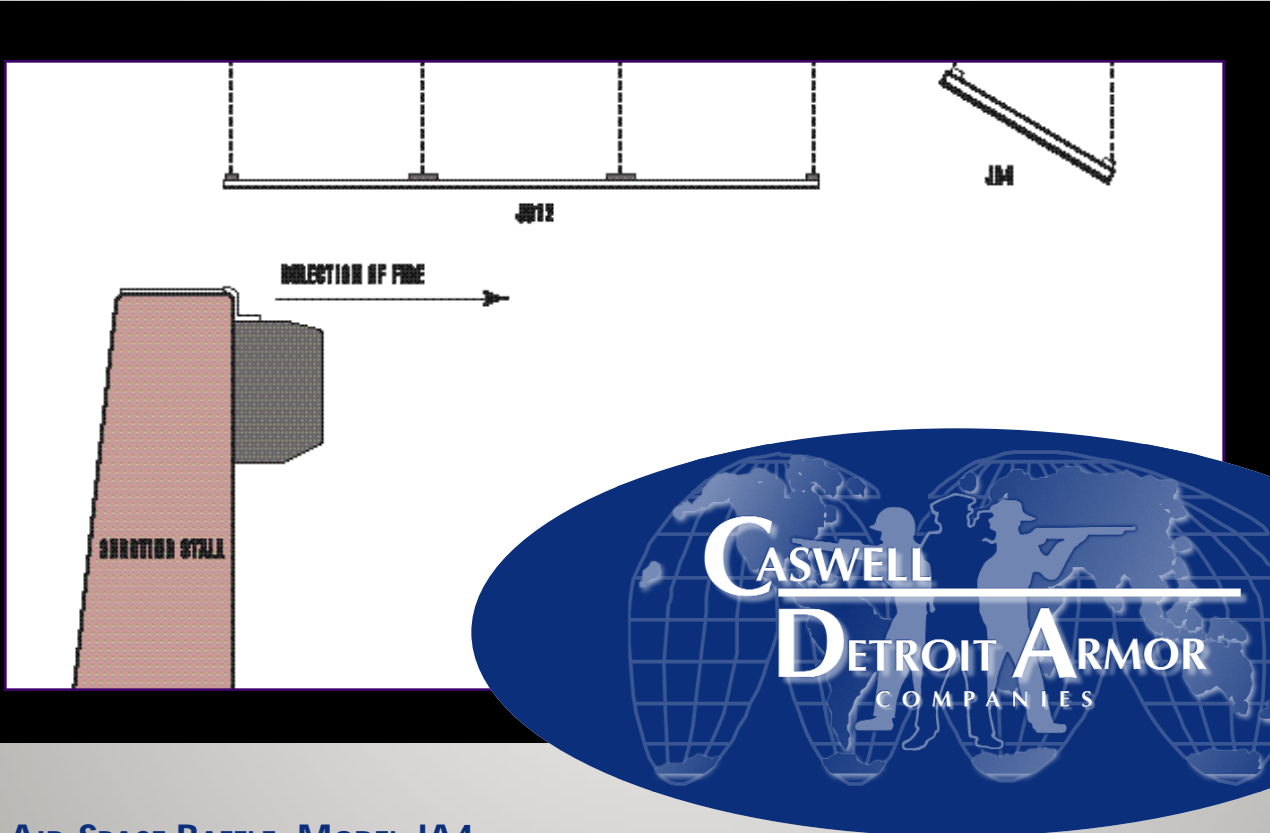
BALLISTIC BAFFLES AND GUARDS

AIR-SPACE CEILING SYSTEM, MODEL JG12

The area extending from the firing line to 12 feet downrange is one of the most critical areas in a range where a misdirected shot could compromise shooters safety. Caswell Detroit Armor's ceiling system reduces the risk of injury or damage from a vertically misdirected shot by stopping the path of the round and trapping it in an air-space panel.

The panels are composed of a thin layer of wood separated from a steel sheet by a wooden frame. A misdirected shot will penetrate the wood facing, traverse the air-space and strike the steel sheet. With insufficient velocity to exit the panel, the bullet does not return to the open range area.

The air-space panels are suspended horizontally from the ceiling starting at the firing line and extending 12 feet downrange. After installation, acoustical material may be applied to the exposed panel surfaces to assist in noise abatement.



AIR-SPACE BAFFLE, MODEL JA4

A series of angled air-space baffles are often required to protect the ceiling, lights, ducts, pipes, and range equipment downrange. The baffles are suspended from the ceiling at a 30° angle to the floor in intervals determined by ceiling height, range length and shooting activity. Load weight computations and suggested baffle placements are provided to the range planner as a part of Caswell Detroit Armor's drawing package.

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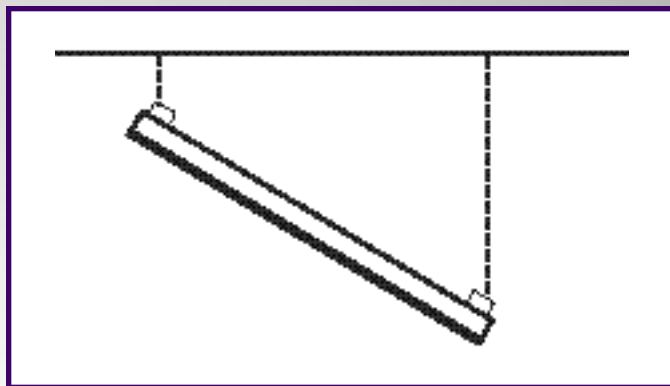
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RUBBER AIR-SPACE AND STEEL GUARDS

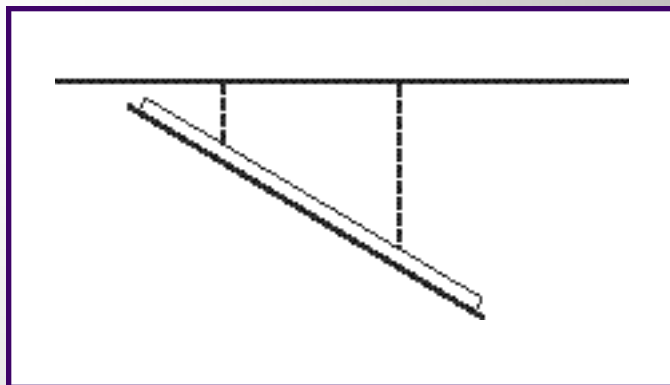
RUBBER AIR-SPACE GUARD, MODEL JA8B

The rubber air-space guard is the last baffle downrange in a facility equipped with a rubber bullet trap. It is suspended vertically from a slab ceiling or at a 30° angle in a baffled range.



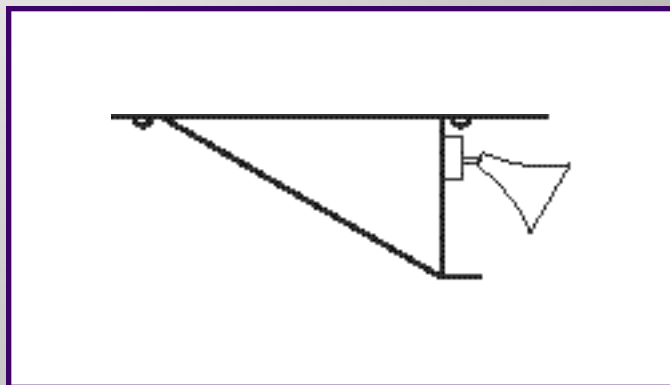
STEEL REDIRECTIVE GUARD, MODEL JR5B

In ranges equipped with a steel bullet trap, a steel redirective guard is mounted from the ceiling immediately ahead of the bullet trap to shelter the ceiling area and redirect rounds towards the bullet-trap.



STEEL GUARD, MODEL JR7

When a range has a flat, slab ceiling, steel guardscan often be used in place of air-space baffles. The angled steel guards protect all downrange protuberances such as light fixtures, conduit, and ducts from impact and will deflect bullets in the direction of the trap.



Note: The model numbers listed in this bulletin are for baffles and guards designed to accommodate all calibers of handguns, rimfire rifles, and shotguns. In ranges where shooting activities will include centerfire rifles, please add the suffix "C" to the model number.