

CAW



*Close
Assault
Weapon*

*Proven
Technology
in an
Advanced
Weapon
System*

*by
AAI Corporation*





The superior AAI round offers total penetration

Close-Assault Weapon System

The AAI Corporation Close-Assault Weapon System (CAWS) is a shotgun-type weapon for use in quick fire, close combat situations. This unique weapon utilizing a 10 round magazine provides increased firepower and substantial improvements over existing military shotguns. A very low "felt recoil" load allows for easily controlled rapid fire.

The Close-Assault Weapon provides semi-automatic fire. In semi-automatic mode the trigger must be pulled once for each shot. Removal of an empty magazine and replacement with a full magazine will take less than three seconds.

Ammunition

A new type 12-gauge ammunition developed for this weapon increases lethal range by a factor of 3 over existing lead shot loads without increasing the dispersion.

A multiple flechette (8), antipersonnel 12-gauge round provides point-fire effectiveness against lightly or naturally protected enemy targets at a range greater than 150 meters. Provides superior penetration through flak vest and gelatin block at 150 meters.

The round consists of a plastic cartridge case, shotgun primer, propellant charge, plastic piston, aluminum pusher plate, eight flechette type projectiles with plastic drag cones and a frangible nose cap.

The drag cone acts like a streamlined shuttlecock in flight in that the flight span promotes rapid in-flight stabilization of the projectile. Accuracy is excellent for a multiple projectile round with tests showing all eight projectiles from one round striking the target within a three-foot diameter circle at 50 meters.

A complete family of CAW ammunition HE, Armor-Piercing, Tear Gas, etc. is in development, including a standard 12-gauge flechette cartridge.

Leadership in Weapon Systems

AAI is a leader in the design, development and production of guns and other weapon types, specialized ammunition, underwater, chemical and plastic ordnance, automatic ammunition production machinery, and low signature systems among others.

In the weapons area, AAI developed and produced M203 40mm Grenade Launchers for the U.S. Army. Other weapons from AAI include the Special Purpose Individual Weapon (SPIW Rifle), M85 machine gun, underwater handgun, the Triple Capability TRICAP hand-held weapon, and Advanced Individual Weapon System (AIWS).

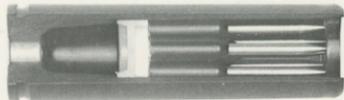
The Close-Assault Weapon was developed for the Joint Service Small Arms Program under contract to the Naval Weapons Support Center.

Close-Assault Weapon Data Sheet

Overall Length	39.00 inches
Weight	8.85 lbs. empty 10.25 lbs. loaded
Bore Size	12-gauge (18.5mm)
Principle of Operation	Recoil-operated
Mode of Fire	Semi-auto
Ammunition	Antipersonnel (8 each Flechette)
Magazine	10-round capacity
Sight	Day/night optical reflex type with iron sight backup
Felt Recoil	Similar to M16 rifle
Penetration	Pine Boards: 3" at 150M Steel Sheet: 1/8" at 150M Gelatin Block/Flak Vest: 11" at 150M



- Improved controllability with rapid semi-automatic fire
- Eight projectiles each round
- Reduced muzzle flash
- Reduced muzzle climb with in-line stock
- Reduced length - paratrooper version (stock removed)
- Increased fire power - 10 round magazine
- Can fire standard 12-gauge buckshot rounds with an adapter
- Makes use of standard M16 stock and pistol grip components
- Provides superior and long range penetration
- Multiple projectiles penetrate standard body armor at 150M
- Low recoil - rapid engagement of multiple targets
- Proven technology





AAI Corporation
a subsidiary of
United Industrial Corporation
P.O. Box 126
Hunt Valley, Maryland
21030-0126
(301) 666-1400
Telex: 8-7849
TWX: 710-232-1800
Cable: AAICKYVL
Baltimore, MD

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Printed in U.S.A.