



SSW
Small Smart Weapon

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PD079-146

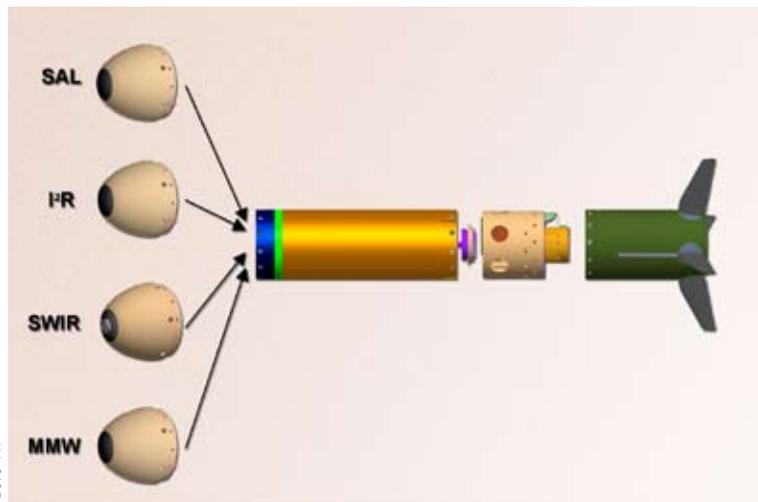
SSW

The Small Smart Weapon (SSW) is a lightweight, compact munition that provides the warfighter with low cost lethality against a broad target set. SSW is adaptable to multiple launch platforms, including manned or unmanned systems. Targets include structures, personnel, lightly armored vehicles, trucks, cars, missile launchers, and artillery or gun positions.

SSW uses a semi-active laser (SAL) seeker for man-in-the-loop terminal guidance, and can be tailored to use planned, imaging infrared (I²R), shortwave infrared (SWIR), or millimeter wave (MMW) seekers. The precision provided by these seeker types ensures accuracy to less than one meter and dramatically reduces the possibility of collateral damage.

SSW can be deployed from various tube launch systems currently in use or from the M-299/M-310 launch system used to launch Hellfire missiles from helicopters and Predator UAVs. When used with the M-299/M-310, SSW slides onto the rail and communicates with the launch platform in exactly the same way as the Hellfire. Three SSW weapons can be deployed on a single rail used for one Hellfire. When used from a tube launcher, up to two SSW weapons can be launched from a single tube to enhance the loadout of the launch platform.

SSW is the warfighter's answer to precision attack using a small, lethal warhead against targets in areas requiring low collateral damage.



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Specifications

Range	Over 10 nautical miles maximum
Weight	Less than 35 pounds
Length	21.5 in
Diameter	4.25 in
Warhead	BattleAxe

Features

- Design uses commercial off-the-shelf (COTS) components
- Various seeker types available as needed
- Adaptable front end works with each seeker type
- Multiple warhead options available for use against various target types
- Deployable in adverse weather
- Approximately one meter circular error probability (CEP)
- Compatible with Adaptive Carriage Environment (ACE) Tube launch System, SUU-25 Tube Launch System, and M-299/M-310 Launch System

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