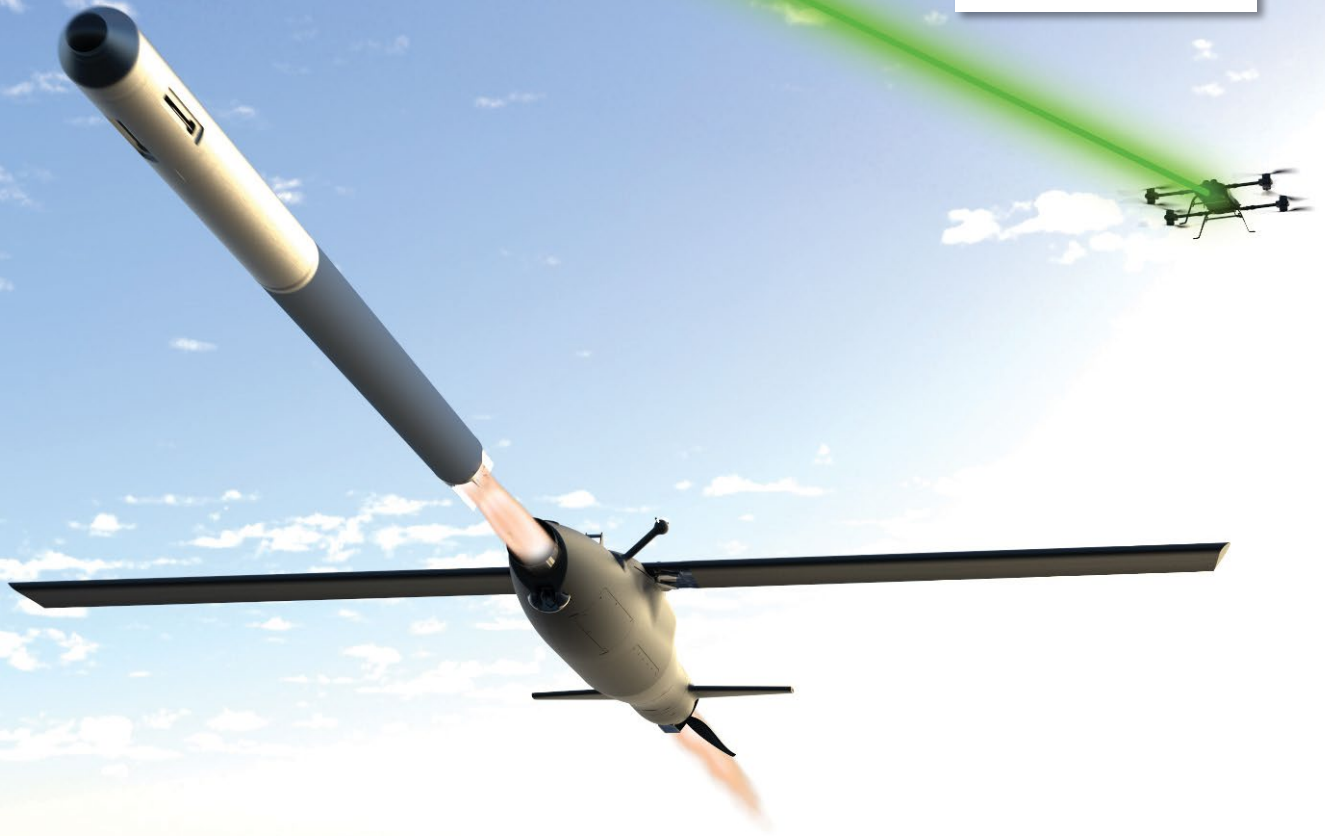


AIHMI - AHM-1X



AIHMI AHM-1X is a new breed of Stand-Off Weapons Systems developed by SAS Technology's engineers, to be used for short to medium range operations in the modern battlefield.

It is an affordable Loitering Munition that can be launched during flight from aerial platforms like:

- The SAS Technology's Sarisa UCAV platform
- The SAS Technology's Talos MALE UCAV
- A specially modified version is under development that will be equipped with standard suspension lugs for 14" NATO aircraft pylons to be able to be carried by attack helicopters .



AHM-1X is an expendable aerial carrier platform, loaded with 2.75" (70mm) Rockets like the FZ 90 or the FZ275LGR.



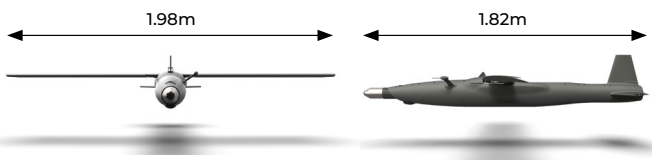
AIHMI's unique characteristic is that unlike the normal loitering munitions that have to drop on the target, the AIHMI can approach to the the 2.75" rocket range (4-7km) and **launch its rocket without approaching the target**. This is an advantage in the modern battlefield since the targets are very likely to be protected by anti-drone (dome shaped) protection systems. This explains its unique categorization as a **Stand Off Loitering Munition (SOLM)**.

Its capability for a stealthy and silent approach to the target, comes from its almost **nonexistent Visual, Radar, Thermal and Sound Signature**, make AIHMI a very effective weapon.

AIHMI can be used either as a glider or it can have a propulsion system installed that can support range of around 40-45km. As a glider it has a glide ratio of around 13-15 km when released from 1000m and its typical cruising speed is around 130km/h.

This gives a total range of around **60km (45 powered flight and 15 in glider mode)** when launched from 1000 meters (delivered from UCAV SARISA) this range can be extended with the increase of the launch altitude (ie when launched from TALOS II UCAV) or even more (The range of the rocket adds to the total effective range of the weapon).

The target can be a static point, designated by GPS coordinates, or set remotely through the targeting FPV camera. After firing, the carrier is simply dispensed.



Upon deployment, AHM-1X opens wings to start the gliding descent to target.



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