



LETHAL MINIATURE AERIAL MUNITION SYSTEM

Close Combat Weapon Systems Project Office

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LETHAL MINIATURE AERIAL MUNITION SYSTEM (LMAMS) PRODUCT DESCRIPTION



Mission

Provides the small tactical unit with a capability to engage threat targets beyond engagement of current line-of-sight weapons or indirect fire due to Rules of Engagement or complex environments with immediate precision fire, while minimizing collateral damage. The current force must possess the capability to acquire, target, and eliminate or neutralize combatants and their capabilities in vantage or populated positions, while reducing fratricide and non-combatant casualties.

Characteristics/Description

- Launcher: Single Man-Portable/Operable
- Munition: Small Visual and Thermal Signature
- Modular Warhead: < 0.7 lbs
- Weight (Munition and Warhead): 5.5 lbs
- Endurance: ≥ 15 min
- Front and Side Look High Resolution Electro-Optical (Day) and Front Look Infrared (Night) Cameras
- Flight Beyond Line of Sight Allows Operator to Control Munition While Taking Cover, Increasing Survivability.

Capabilities/Improvements

- High lethality against Unprotected Combatant Personnel and Fractional Casualty against Personnel in Soft Skinned Vehicles
- Range >10 km
- Endurance >10 min
- Automatic Track/Continually Adjustable track gates provide target tracking of stationary and fleeting targets (in open or cluttered environments) with no further operator input.
- Wave-Off capability allows the operator to wave-off or redirect flight path up to seconds prior to impact.
- Pre-flight Component Assembly and Storage allows operator to place system into operation in 2 minutes

Special Features

- Man-portable
- Organic to Small Tactical Unit
- Precision-Guided
- Loitering Capable Munition
- Current Candidate Solution involved in Urgent Fielding Efforts. Future Transition to Program of Record Anticipated.

