

81MM ADM

Precision Air-Dropped
Guided Munition



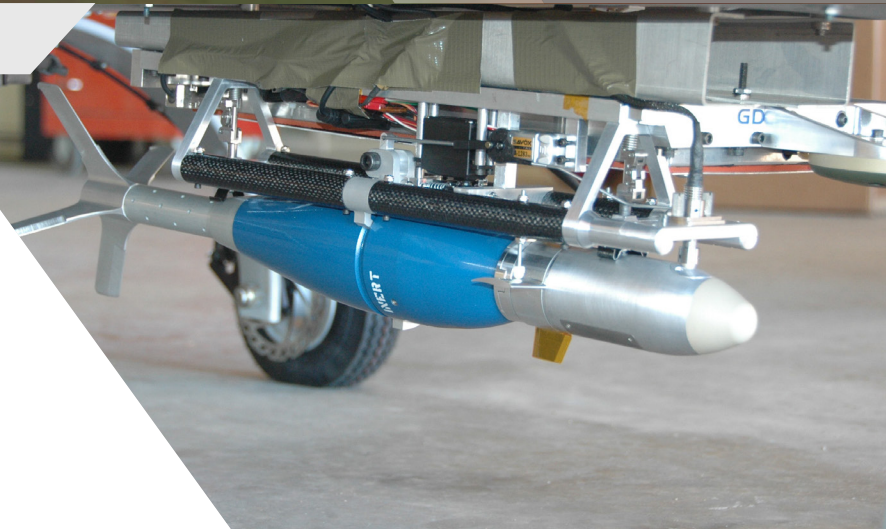
MUNITIONS

AIR DELIVERED MUNITIONS

REDUCE TARGET DEFEAT TIME WITH PRECISION ENGAGEMENT

The 81mm Precision Air-Dropped Guided Munition (ADM) system provides a fully integrated solution for weaponizing un-manned and manned aircraft.

- » Complete Weapon System Solution for Tactical UAS platforms including munition, carriage, and weapon ground control station:
 - + 81mm GPS guided munition
 - + Integrated smart rack carriage system
 - + Standalone or integrated communication links
- » Lightweight
- » Minimal impact on UAS airframe
- » Tactically proven
- » On-Target precision < 10m



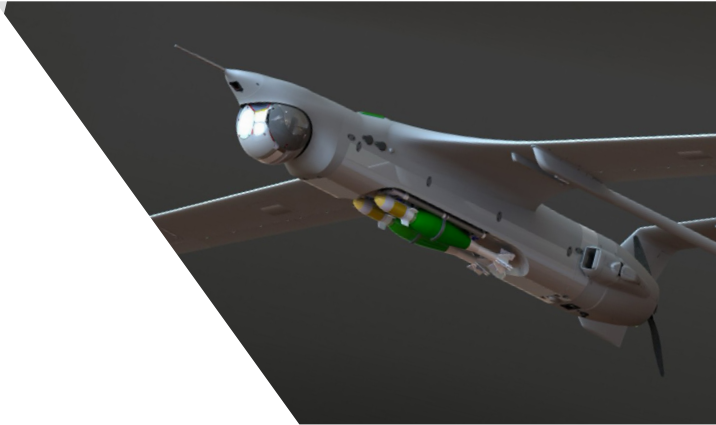
81MM ADM

Precision Air-Dropped
Guided Munition



ADM FEATURES

- » Patented Roll Controlled Fixed Canard (RCFC) Control System
 - + No actuators, no linkages
 - + Low power
 - + Low cost
- » GPS Guided, modernized non-GPS navigation in development
- » Existing M821 HE warhead, with uncompromised and known lethality
- » Air Drop Electronic Fuze co-developed with the US Army



TACTICAL RACK & WEAPON CONTROL STATION

- » Airframe independent
- » Fuselage or wing mounted
- » Multiple racks with a single ground control system
- » Self contained power supply and communication system
- » Real-time GPS tracking independent of UAS and round
- » Safety release features
- » Weapon Control Station utilizes simple Graphic User Interface (GUI) – integrated with the Ground Control Station

BENEFITS

- » Low cost guided weapon, for effective engagement against soft and lightly armored target sets
- » Simple to install and operate
- » Leverages existing UAS Communication links
- » Provides soldier with reduced target defeat time in an all-in-one solution
- » Reduced collateral damage with precision engagement
- » Uses existing supply chain for cartridge round
- » Guidance technology is scalable for other warhead classes and platforms