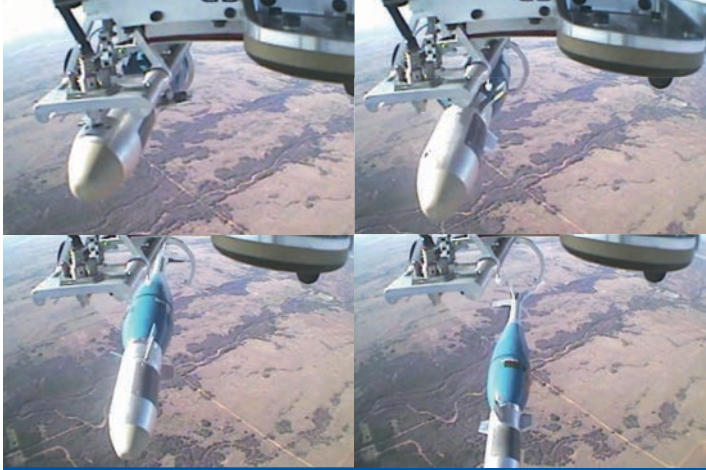




81MM PRECISION AIR-DROPPED GUIDED MUNITION (ADM)

FOR UN-MANNED AND MANNED AIRCRAFT



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 Class and Tier II 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
- Suitable for use in manned aircraft platforms



81MM PRECISION AIR-DROPPED GUIDED MUNITION (ADM)

FOR UN-MANNED AND MANNED AIRCRAFT

ADM Features

- Patented Roll Controlled Fixed Canard (RCFC) Control System
 - No actuators, no linkages
 - Low power
 - Low cost
- SAASM GPS
- Existing M821 HE warhead, with uncompromised and known lethality
- US Army developed air-drop electronic fuze

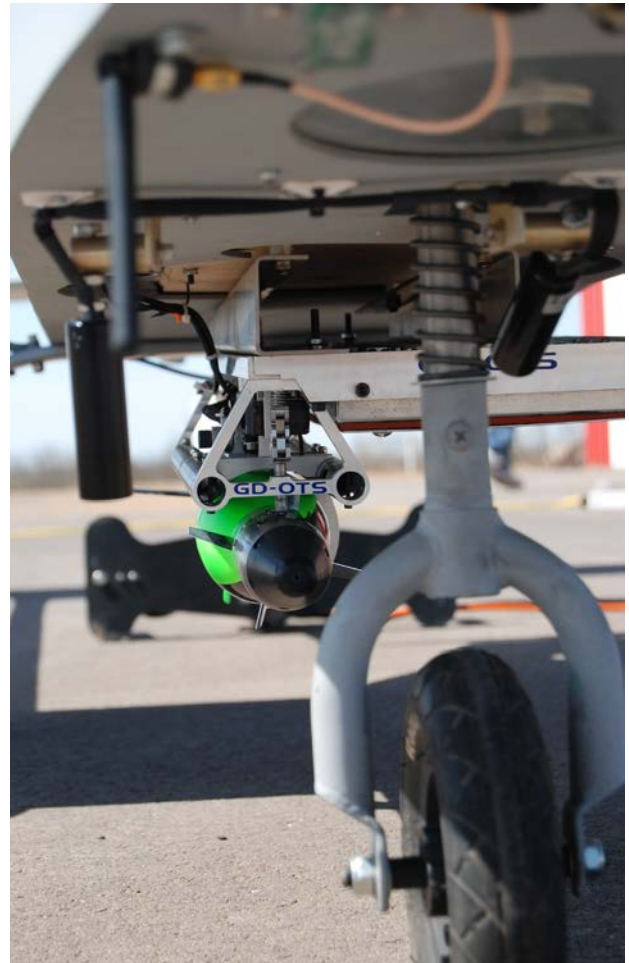
Tactical Rack & Weapon Control Station

- 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



GENERAL DYNAMICS
Ordnance and Tactical Systems

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