



ADVANCED CENTRIC SYSTEMS B.V

Sea / Air/ Land

## AOCGHF

# ADD-ON COMBINED GUIDANCE HEAD & FUZE



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### THE PROBLEM

Artillery rockets constitute an inexpensive, lethal, devastating weapon when they hit their target, but their unsophisticated design and delivery method, and the lack of any kind of guidance mechanism, make them inherently inaccurate, and consequently far less effective than guided missiles or artillery shells.

Artillery rockets may be upgraded into a first-rate, cost-effective, lethal and intimidating smart weapon through the addition of a modern guidance head and a technologically-advanced fuze.

## THE SOLUTION

ACS presents AOCGHF – Add-On Combined Guidance Head & Fuze for 122mm Rockets.

The AOCGHF kit consists of a GPS/INS guidance head and a fuze and may be fitted to most standard 122mm rockets by various manufacturers through a “Plug & Play” connection provided by a mechanical interface in the fuze housing.

AOCGHF enables pinpoint engagement of single targets and salvo launching engagement of multiple targets.

Typical warheads include a runway denial warhead containing 40mm submunitions, a high explosive warhead and a fragmentation warhead.

Offering GPS/INS guidance and an impact HOB (Height-of-Burst) type fuze, AOCGHF may be further upgraded through the addition of an optical/Laser seeker.

The complete AOCGHF package includes a launcher upgrade and the addition of a cutting-edge command and control unit with a dedicated user interface application.

AOCGHF upgrades any standard 122mm rocket into a modern, sophisticated, accurate and effective weapon.

## KEY FEATURES & MAJOR ADVANTAGES

### **State-of-the-art versatile surveillance payload**

- Add-on GPS/INS guidance & fuze kit for existing GRAD 122mm rockets
- “Plug & Play” connection through a mechanical interface in fuze housing
- Upgradable to optical/Laser seeker
- Enables pinpoint targeting of single targets and salvo launching engagement of multiple targets
- Fuze type: impact, HOB (Height-of-Burst)
- Specifications:

- Rocket diameter: 122 mm
- Total weight: 62 to 70 kg
- Propellant weight: approximately 27 kg
- Total length: 275 to 300 cm
- Warhead weight: 18 to 24 kg
- Warhead options:
  - Runway denial warhead (40 mm submunitions)
  - High explosive warhead
  - Fragmentation warhead

