2.75 Inch Rocket Systems (Hydra)

MISSION
Provides air-to-ground suppression, smoke screening, illumination, and direct and indirect fires to defeat area materiel and personnel targets at close and extended ranges.

DESCRIPTION
The Hydra 70 Rocket System of 2.75 inch air-launched rockets is employed by tri-service and special operating forces on both fixed- and rotary-wing aircraft and is inherently immune to countermeasures. This highly modular rocket family incorporates several different mission-oriented warheads for the Hydra 70 variant, including high-explosive, anti-personnel, multipurpose submunition, red phosphorus smoke, flechette, training, visible-light illumination flare, and infrared illumination flare.

Diameter: 2.75 inches
Weight: 23–27 pounds (depending on warhead)
Length: 55–70 inches (depending on warhead)
Range: 300–8,000 meters
Velocity: 700+ meters per second
Area suppression: No precision

SYSTEM INTERDEPENDENCIES
None

PROGRAM STATUS
• Current: Producing annual replenishment for training, theater combat expenditures, and war reserve requirements

PROJECTED ACTIVITIES
• FY11: Continue Hydra 70 production and safety, reliability, and producibility program activities
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FOREIGN MILITARY SALES
Hydra 70: Colombia, Japan, Kuwait, the Netherlands, Singapore, Thailand, and United Arab Emirates

CONTRACTORS
Prime System:
General Dynamics (Burlington, VT)

Grain:
Alliant Techsystems (Radford, VA)

Fin & Nozzle:
General Dynamics Ordnance and Tactical Systems (Anniston, AL)

Rocket Production:
General Dynamics Armament and Technical Products (Camden, AR)

Warhead Fuzes:
Action Manufacturing (Philadelphia, PA)

Warhead Flechette:
Penn United (Cabot, PA)

Fiber Containers:
Sonoco (Robesonia, PA)

Fastpack Refurbishment:
B&M Painting (Camden, AR)