2.75 Inch Rocket Systems (Hydra-70)

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)
Warhead Fuzes:
Action Manufacturing (Philadelphia, PA)
Shipping Container (Fastpack):
CONCO (Louisville, KY)
Fin and Nozzle:
General Dynamics Ordnance and Tactical Systems (Anniston, AL)