

2.75 Inch Rocket Systems (Hydra-70)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



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

ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and Support

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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)

