

# 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

- **FY13:** Continue Hydra-70 production and safety, reliability, and producibility program activities

## ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

## 2.75 Inch Rocket Systems (Hydra-70)

### FOREIGN MILITARY SALES

Colombia, Egypt, Japan, Jordan, Kuwait, Netherlands, Saudi Arabia, Singapore, Thailand, Taiwan, Tunisia, United Arab Emirates, United Kingdom

### CONTRACTORS

#### Prime System:

General Dynamics (Burlington, VT)

#### Grain:

BAE Systems (Radford, VA)

#### Warhead Fuzes:

Action Manufacturing (Philadelphia, PA)

#### Shipping Container (Fastpack):

CONCO (Louisville, KY)

#### Fin & Nozzle:

General Dynamics Ordnance and Tactical Systems (Anniston, AL)

