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.

**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

**SYSTEM INTERDEPENDENCIES**
None

**DIMENSIONS**
- **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

**INVESTMENT COMPONENT**
- Modernization
- Recapitalization
- Maintenance

**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)