

Joint Service General Purpose Mask (JSGPM) M-50/M-51

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Provides face, eye, and respiratory protection from battlefield concentrations of chemical and biological (CB) agents, toxins, toxic industrial materials, and radiological particulate matter.

DESCRIPTION

The Joint Service General Purpose Mask (JSGPM) is a lightweight, protective mask system incorporating state-of-the-art technology to protect U.S. Joint forces from actual or anticipated threats. The JSGPM provides above-the-neck, head-eye-respiratory protection against CBRN threats, including toxic industrial chemicals. The M-50/M-51 provides improved CB protection, enhanced field of view, lower breathing resistance, reduced weight/bulk, improved drinking system design, and improved compatibility over fielded systems. The JSGPM is interoperable with existing legacy and commercial radio systems, while ensuring future operation with the next generation of communications equipment. The M-50/M-51 mask system replaces the M40/M42 series of field protective masks for the Army and Marine Corps ground

and combat vehicle operations, as well as the MCU-2/P series of protective masks for Air Force and Navy shore-based and shipboard applications. This mask is currently being fielded to all four Services—a first in the history of development and fielding.

SYSTEM INTERDEPENDENCIES

Other Major Interdependencies

The JSGPM will interface with Joint service vehicles, weapons, communication systems, individual clothing, protective equipment, and CBRN personal protective equipment

PROGRAM STATUS

- **FY11:** Production and fielding

PROJECTED ACTIVITIES

- **FY12-FY13:** Continued production and fielding

ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and Support

Joint Service General Purpose Mask (JSGPM) M-50/M-51

FOREIGN MILITARY SALES

None

CONTRACTORS

Avon Protection Systems (Cadillac, MI)

