

# Joint Service General Purpose Mask (JSGPM)

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

## MISSION

Enables warfighters' survival in a chemical, biological, radiological, and nuclear (CBRN) environment by providing chemical, biological, toxin, radioactive particulate, and toxic industrial material protection.

## 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 will provide above-the-neck, head-eye-respiratory protection against CBRN threats, including toxic industrial chemicals (TIC). The mask component designs will be optimized to minimize their impact on the wearer's performance and to maximize its ability to interface with current and future service equipment and protective clothing. The JSGPM mask system replaces the M40/M42 series of 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.

## SYSTEM INTERDEPENDENCIES

### In this Publication

Joint Chem/Bio Coverall for Combat Vehicle Crewman (JC3)

### Other Major Interdependencies

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

## PROGRAM STATUS

- **FY10:** Production and fielding

## PROJECTED ACTIVITIES

- **FY11–16:** Continue production and fielding

## ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

**Joint Service General Purpose Mask (JSGPM)**

**FOREIGN MILITARY SALES**

None

**CONTRACTORS**

Avon Protection Systems (Cadillac, MI)



- Head Harness**
- Polynomial Spline Eyelens**
- Facepiece Assembly (Chlorobutyl/ Silicone Base (5%) Blend)**
- Front Module Assembly**
- Primary Filter**
- Drink Tube Coupler and Housing**
- Filter Time Patch to assess filter life**

