



MCU-2A/P Protective Mask

MCU-2A/P

Description

The MCU-2A/P series mask was developed for military ground support personnel in the 1980s. It is a lightweight respirator with a silicone-based faceblank. There is a 40 millimeter threaded C-2A1 canister, which can be mounted on the left and right side of the mask. It is filtered with one canister at a time and provides filtered ambient air that vents by the eyelenses to prevent fogging. The mask can be used with the MCU-2A/P Strapless Optical Inserts (MSOI). It also has a dynamic microphone plug located at the front voicemitter.

Mission

To provide face, eye and respiratory protection from battlefield concentrations of Chemical-Biological (CB) agents, toxins and radioactive particulate matter.

Capabilities

- Greater CB protection capability than previously used mask
- Protection factor > 10,000 for 90% of personnel
- Improvements Over the M-17 Series Mask:
 - ~ Lighter than the M-17 series mask
 - ~ Provides less breathing resistance than the previous mask
 - ~ Provides an easy to remove, easy to install canister instead of a filter element
 - ~ Compatible with night vision goggles
 - ~ Compatible with communication systems

Users

US Navy, US Marine Corps, US Coast Guard, US Air Force

Status

Sustainment



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