

Chemical Biological Protective Shelter (CBPS)

Enables medical personnel to treat casualties without the encumbrance of individual protective clothing and equipment in a highly mobile, easy-to-use, and self-contained, chemical-biological hardened facility.



DESCRIPTION AND SPECIFICATIONS

The Chemical Biological Protective Shelter (CBPS) is a highly-mobile, self-contained system designed to replace the M51 Collective Protection Shelter. CBPS consists of a Lightweight Multi-purpose Shelter (LMS) mounted on an expanded capacity variant (ECV) High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) and a 300-square-foot, airbeam-supported soft shelter. CBPS provides a contamination-free, environmentally-controlled working area for medical, combat service, and combat service support personnel to obtain relief from the continuous need to wear chemical-biological protective clothing for 72 hours of operation.

All ancillary equipment required to provide protection, except the generator, is mounted within the shelter. Medical equipment and crew gear are transported inside of the LMS by a towed high-mobility trailer.

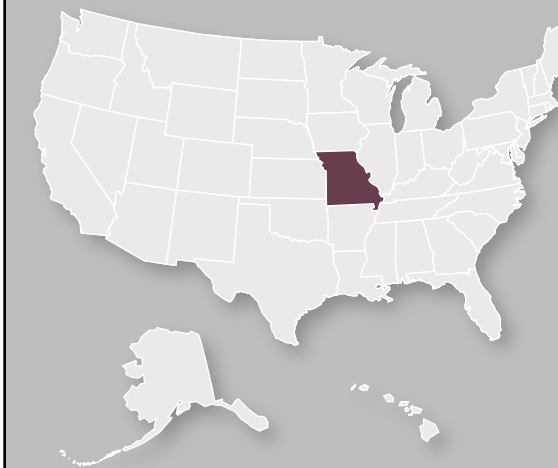
CBPS will be assigned to the trauma treatment teams/squads of the maneuver battalions, the medical companies of the forward and division support battalions, non-divisional medical treatment teams/squads, division and corps medical companies, and the forward surgical teams.

PROGRAM STATUS

- **1QFY04** An integrated product team was formed to develop a non-hydraulic engineering change to eliminate the hydraulic system that powers the environmental support system.

PROJECTED ACTIVITIES

- **FY05** Procure and field systems
- **3QFY05** ESS incorporation completion projected
- **4QFY11** Production complete



CONTRACTORS

Engineering Air Systems, Inc. (St Louis, MO)

INVESTMENT COMPONENT

Modernization

ACQUISITION PHASE

- Operations and Support