

CBPS

Chemical Biological Protective Shelter



HIGHLY MOBILE VEHICLE-MOUNTED SHELTER SYSTEM

The M8E1 Chemical Biological Protective Shelter (CBPS) is a highly mobile, self-contained collective protection system that provides a contamination free, environmentally controlled working area for combat medical services and combat service support personnel to work freely without continuously wearing chemical-biological protective clothing.

Key performance enhancements over the previous M8 system including a larger 400 square foot air beam shelter that allows greater patient capacity and easier maneuverability. Conditioned air capacity has been increased to provide greater comfort and security to medical personnel and patients even under extreme conditions.

Designed for easy maintainability, the filters and engine have easy access for routine maintenance. Extensive built-in test, diagnostic, and control functions through a central computer-based control panel allow for efficient identification and resolution of issues. Structural modifications improve safety and allow for more rapid deployment.



CHEMICAL BIOLOGICAL PROTECTIVE SHELTER (CBPS)

HIGHLIGHTS

- Chemical and biological agent protection (Compatible with JCAD, ACADA, or M8A1 detector/alarms)
- Self-contained system integrated on an FMTV platform
- Environmentally controlled filtered air supply
- Supports Level I and II Medical Units and Forward Surgical Teams

PERFORMANCE FEATURES

OPERATIONAL CAPABILITIES:

Mobile, rapidly deployable, self-contained collective protection shelter system

Static and mobile protection against chemical and biological agents

CB mode activated manually or by remote CB agent detector

400 sq ft soft shelter for personnel, plus a hard shelter for protected equipment stowage

Deploys and strikes in 20 minutes (additional time with MOPP gear)

Powered by dual, redundant generators for fail-safe operation

Multi-fuel capable

Slave connector included for shore power hook-up

Ambulatory and litter patient accessible

Shelter mating feature for larger field hospital applications

Shelter interior temperature range of +60°F to +90°F

Operating temperature range of -40°F to +125°F

Storage temperature range of -40°F to +160°F

Decontaminable with standard military decontamination solutions

Air, rail and marine transportable

Air transportable by C17 and C5A

Military Green 383 and Tan 686A colors

Specifications subject to change without notice.



Land Systems

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