

Sheltered Protection

—for soldiers out of MOPP

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The M20 SCPE is a critical item of equipment on the contaminated battlefield. It permits soldiers to get out of their protective overgarments and masks without danger of contamination.

SCPE is short for simplified collective protection equipment — a shelter that will hold 10 people. The M20 provides a clean-air, positive-pressure shelter from chemical and biological agents and radioactive dust particles.

Inside the shelter, soldiers can carry out tactical functions efficiently without the encumbrance and incapacitating heat burdens of individual protective clothing and masks. Also, they can find relief from wearing protective equipment; they can eat, sleep, and perform personal hygiene.

SCPE was designed to be deployed within a building, thus allowing soldiers to use existing structures in a tactical area for protective shelter. The M20 is also being configured under the Army product improvement program for use with the Army's new tent, the TEMPER (tent, expandable, modular, personnel).

The SCPE consists of four major components. A disposable room liner provides a protected intrastructure enclosure. The protective entrance allows for entry to and exit from the shelter. A hermetically sealed filter canister removes chemical and biological agents and radioactive dust from the air pumped into the shelter. A support kit contains the motor-blower and repair accessories.

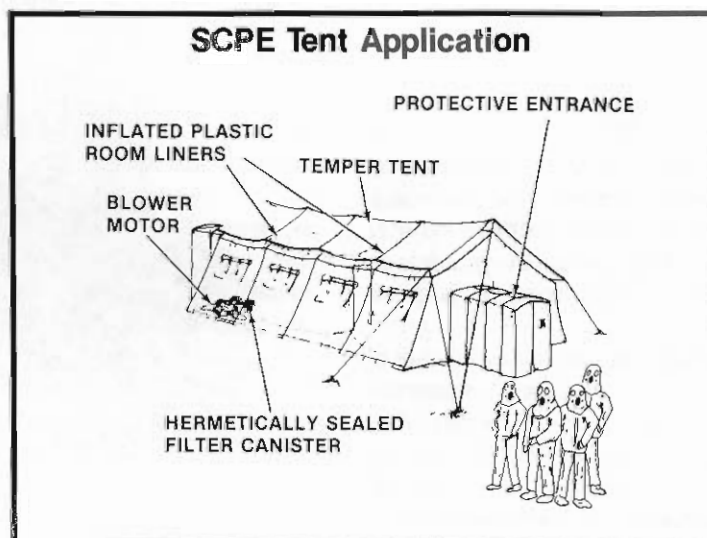
Several mission objectives are

met by the M20, including simplicity of use, 72-hour mission time, low cost, low power consumption, minimum maintenance, light weight, and portability. There are no special transportation requirements for handling and moving the M20. The system can be car-

ried on a 1/4-ton trailer or a larger wheeled vehicle. Individual components can be transported easily by two soldiers for short distances.

The M20 SCPE can meet a wide range of user requirements for field units, such as a unit command post or as a soldier relief facility. ☛

SCPE Tent Application



SCPE Building Application

