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Sommario/riassunto	The use of STERIS Corporation's Vaporized Hydrogen Peroxide (VHP®) technology as a potential biocide for aircraft decontamination was demonstrated in a cabin section of the Aircraft Environment Research Facility (an FAA-owned Boeing 747). When exposed to an appropriate concentration of VHP vapor in the cabin test section, biological indicators inoculated with 10 ⁶ colony forming units of <i>Geobacillus stearothermophilus</i> spores demonstrated a total suppression of culture growth. Efficacy was demonstrated with and without seats in the test section of the aircraft. The importance of adequate air mixing was also demonstrated.

