



USTRANSCOM Science and Technology

Joint Biological Agent Decontamination System (JBADS)

Project Summary: In the post-conflict environment, a reliable, effective decontamination capability is needed to achieve restorative levels of cleanliness and ensure that aircraft, vehicles, and equipment can be redeployed to Continental United States (CONUS) garrisons. Thermal decontamination of biological warfare attack (BWA) agents, a lab-proven technique, bridges the capabilities gap in aircraft, vehicle, and equipment decontamination. The application of hot, humid forced air will effectively kill BWA and viruses that cause pandemic disease.



Return on Investment: JBADS will support the Joint Force Commander, Coalition partners, and US government agencies by providing an interior biological agent decontamination capability for aircraft, vehicles, and equipment. Thermal decontamination will fill the near-term gap with a non-developmental capability. Thermal decontamination will be safe, environmentally friendly, and effective. It will quickly return contaminated assets to unrestricted global operations and ensure uninterrupted support to the warfighter. The payoff will be operational risk reduction in the post-BWA attack environment and continued utility of multi-million dollar assets.

Duration of project: FY09 – FY12

Participants: United States Transportation Command (USTRANSCOM), Air Mobility Command (AMC)

Project advocacy (funding or otherwise): USTRANSCOM, AMC

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