



Joint Biological Agent Decontamination System (JBADS)



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JBADS

Available Today, Expanding for Tomorrow

- Theory of Operation
 - Closed-loop system designed to evenly increase the temperature and relative humidity of the entire Aircraft Enclosure (AE) and its contents to predetermined threat-specific levels, hold for a set duration, then recover the AE to ambient conditions without causing damage to the airframe/vehicle/equipment
- Operations and Employment
 - System decontaminates biologically contaminated airframes/vehicles/equipment
 - JBADS reduces biological contaminants to safe levels
 - JBADS will be deployed worldwide from storage at Holloman AFB, NM using surface freight, airlift, or sealift assets
 - Contractor Logistics Support (CLS) team will deploy and assemble and operate the system
- JBADS Initial Operational Capability (IOC)
 - System #1 (of 5) Ready for Immediate Deployment
 - Full Operational Capability (FOC) – total of 5 systems – planned FY23/24
- Chemical Decontamination
 - Capability currently in development



JBADS Operational Configuration



Front View



Aft View



JBADS Program Information

- ACAT III, Joint Program with participation from the U.S. Air Force
- Managed By: The Joint Program Executive Office CBRNE
- Prime Contractor: AeroClave, LLC
- Contract Number: W911QY-18-D-005
- Delivery Order: W911QY-19-F-0062
- Contract Award Date: January 2019
- Systems Sustainment/Operation: AeroClave under contract through FY 2029
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