

USAMMDA INFORMATION PAPER

PRODUCT: FIELD STERILIZER IMPROVEMENT DEVICE

DESCRIPTION: The field sterilizer currently in use is a well-proven piece of equipment. One of the shortcomings has been its high water consumption; it uses 2½ -gallons of water every time it sterilizes a load of materials. Additionally, the sterilizer does not have a vacuum system for air removal during sterilization; this is a Preplanned Product Improvement (P³I) that will be added if needed in the future. The Field Sterilizer Improvement Device (FSID) is an addition to the existing field sterilizer. This device was procured on an emergency basis during Operation Desert Storm, but never officially incorporated into the hospital equipment set.

PROGRAM RELEVANCE to the ARMY: This product supports both the core mission of the Army and the Army Campaign Plan. Of the Army's core competencies, this product supports "Forcible Entry Operations," "Sustained Land Dominance," and "Support of Civil Authorities." Sterilization of supplies is a key capability for field hospital logistics. This product supports Future Operational Capabilities: MD-02-001 Clearing the Battlefield and MD-02-002 Hospitalization.

ISSUES/ACTIONS:

- Device requirements are being coordinated with the combat developer. The Operational Requirements Document (ORD) is pending at the U.S. Army Training and Doctrine Command (TRADOC) for approval.
- The U.S. Army Medical Materiel Agency concurs with the need for improvement of the existing field sterilizer.
- The manufacturer is updating the technical data package to make sure that the specified parts are available or that substitutes are found.
- The addition of the vacuum system to the FSID will require testing to support Food and Drug Administration (FDA) approval. This testing will be both laboratory validation and user testing.

ADDITIONAL INFORMATION:

BPL # 438

DA PROJECT/TASK: Trauma Management –
PE/PROJ 643807/836JW

MAMP RANK: Not Ranked

ARMY ORD: A draft ORD has completed

SCHEDULE:

Project Start	1QFY03
MS A	4QFY04
MS C	2QFY05

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