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CB-022046.01

CHARACTERIZATION AND HISTORICAL REVIEW OF CHEMICAL/BIOLOGICAL WEAPONS

MID-TERM REVIEW

DEEDEE WHITE

OCTOBER 1992

PREPARED FOR:

CLIFF MCFARLAND
DNA HEADQUARTERS



Science Applications
International Corporation
An Employee-Owned Company

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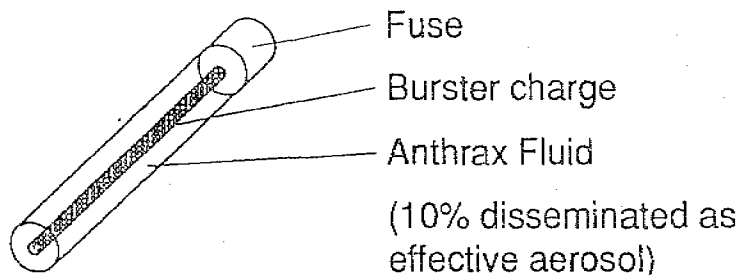
British & U.S. 4-lb. Anthrax Bomblet & CBU

Development

- Initial by British in 1940/1941 at Porton Down
 - Reportedly planned to produce 5 million Bomblets
 - Tested on Canadian and U.S. (Dugway) proving grounds
- U.S. developed bomblet based on British design in 1943
 - Produced at Vigo, Indiana plant (now Pfizer Inc.)
 - Tested at Dugway Proving Ground
 - Intended for use in 500-lb U.S. cluster bomb unit

Bomblet

- Dimensions
 - Diameter: 1.69 inches
 - Length 21.3 inches
- Total Weight: 3.7 lbs
 - Payload: few milliliters of agent fluid (0.1 lb)
 - Bursting charge: 1.6 lb
 - Aluminum case: 2 lbs



AN-M50 Cluster Bomb

- Total weight: 465 lbs
 - Payload: 106 to 110 bomblets (392 lbs)
 - Thin steel case: 55 lbs
 - Tail assembly: 10 lbs
 - Separation charge & fuse: 8 lbs
- Diameter: 14.2 inches (36cm)
- Length: 59.2 inches (150cm)
- Nose fuse: burst at 5,000-10,000 feet altitude

