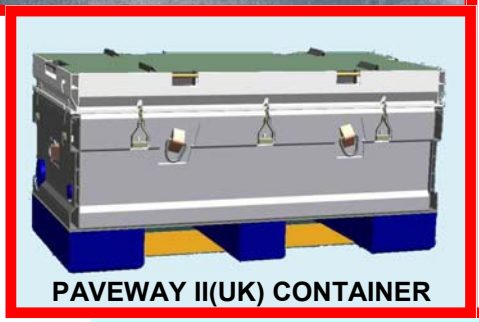
PORTSMOUTH AVIATION LIMITED


PAVEWAY III(UK) NAURC


DLT CRATE


PAVEWAY II(UK) CONTAINER


AURC

Weapon Component Containers

Weapon Component Containers make a significant contribution to the effectiveness of Rapid Reaction Forces. These containers store Weapon components at a high state of operational readiness; minimise the need for inspection and maintenance; and simplify weapon system logistics.

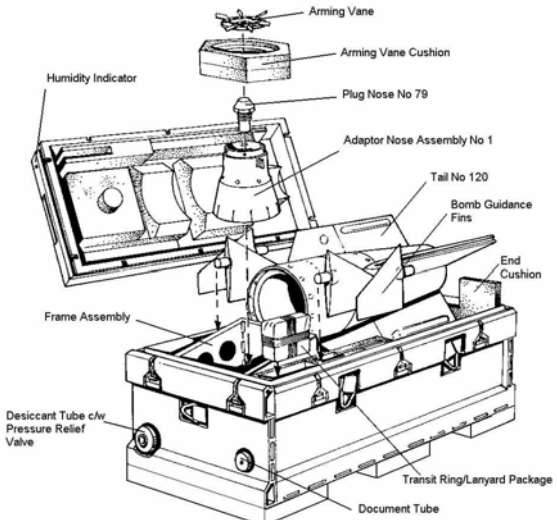
The Near All Up Round Container (NAURC) illustrated top left has been designed, developed and manufactured to meet the needs of the UK Ministry of Defence to store and transport Paveway III(UK) Near All Up Rounds (the guidance unit remains unfitted). Within the NAURC the Paveway weapon system may be stored as an unassembled round (UR) with the fuze and tail assembly removed or an assembled round (AR) with the fuze and tail assembly fitted but in each case the guidance unit remains a separate item. The NAURC has been designed using proven technology and has been approved by the UK Ministry of Defence for use by the Royal Air Force.

The NAURC gives Weapons a high degree of protection during handling and storage. It has been rigorously tested to demonstrate that it satisfies the UK Director of Air Armament Design Requirements. Taken through the full range of environmental testing including Shock, Bounce, Leak and Vibration, it passed all the tests and has been APPROVED FOR UK SERVICE USE.

The Weapon Component Container illustrated (bottom left) has been designed, developed and manufactured to meet the needs to store and transport Paveway II (UK) Laser Guided Bomb Tail Units and associated components. Within the container the Paveway tail unit and components are stored as unassembled items in protective cushioning.

The AURC was developed to meet the needs of the Royal Air Force to store pairs of 1000 lb Bomb HE AUR and 600 lb Cluster Bomb (BL755). PA is the Co-ordinating Design Authority for the 1000 lb HE AUR, Royal Ordnance is the Design Authority for the Bomb body and filling, and Hunting Engineering Ltd is the Co-ordinating Design Authority for BL755.

The DLT Crate was developed and tested to transport and protect a naval launcher. Other applications may be readily provided for.



PAVEWAY II (UK) CONTAINER

Components may be easily removed from the containers using, for example, the PA manufactured Weapon Loading Trolley Type W, or other hoisting equipment. Weapon break-out time is typically 2 minutes for persons wearing full NBC clothing.

Container's major components consist of a base with fork lift tine apertures and lifting hooks. Also included are apertures for document stowage, and a breather valve and desiccant port, and weapon fuze surveillance plugs to enable fuze setting and monitoring. Fitted inside the container is Special-To-Type furniture to secure the contents. The container's lid is fitted with a humidity indicator, recessed handles and stacking guides.

All Containers give high technology weapon components a high degree of protection during handling and storage. They have been rigorously tested to demonstrate that they satisfy the UK Director of Air Armament Design Requirements. Taken through the full range of environmental testing including Shock, Bounce, Leak and Vibration, they have passed all the tests and are APPROVED FOR UK SERVICE USE.

Containers of differing dimensions, and internal configuration can be designed, developed, and manufactured to individual customer requirements.

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