

BRU-47Pn

Pneumatic Bomb Rack

COBHAM

The most important thing we build is trust



BRU-47Pn

Pneumatic Bomb Rack



Proven Design

The BRU-47Pn pneumatic bomb rack is a Form, Fit and Functional replacement for the existing pyrotechnic versions already in service. The pneumatic racks have been designed to allow users to easily switch to a much cleaner, safer and reliable technology which offers substantial cost savings and improvements over the older pyrotechnic systems.

Maximum Capability

The BRU-47Pn is a heavy duty pneumatic bomb rack capable of carriage and release of stores up to and including 5,000 lb. The rack has all the existing features of the pyrotechnic version already qualified and in service on the F-15 aircraft. The BRU-47Pn is powered by an air compressor housed in the aircraft which ensures that the ejection force and end of stroke velocity are highly repeatable and precise for every firing.

Supporting the Warfighter

The BRU-47Pn has been through significant qualification and flight trials in order to demonstrate its capability. With its ability to improve on existing technology and provide the warfighter substantial cost avoidance for the duration of the aircraft life, the BRU-47Pn is a natural choice for enhancing the existing platform capabilities.

Key Features

- 14" and 30" hook centers
- Compressor driven pneumatic operation
- Reduced through life costs
- No pyrotechnic hazards or disposal issues
- Cleaner, safer and more reliable performance
- Form, Fit and Function replacement for existing racks
- Low life cycle cost
- Improved store separation

Specifications

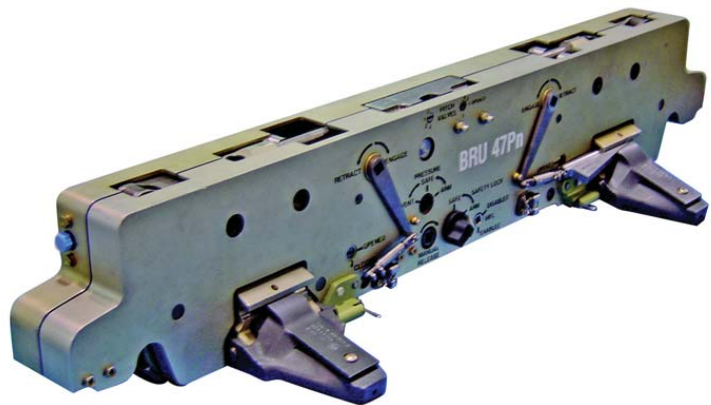
Payload Capacity	Up to 5,000 lb stores (2,268 kg)
Weight	82 lb (38 kg)
Dimensions	35.7" x 3.0" x 9.8" (907 mm x 77 mm x 250 mm)

Platform Integration

Capable of integration onto most aircraft or UAV store stations. Designed as part of the F-15E COSSI program and qualified on F-15. Also used as part of the J-UCAS design solution.

Performance

EOS Velocity	Up to 20 ft/s
--------------	---------------



BRU-47Pn Pneumatic Bomb Rack

For further information please contact:

Cobham Mission Equipment
10 Cobham Drive
Orchard Park, NY 14127 USA

Tel: +1 (716) 662 0006
Fax: +1 (716) 662 0747