

Carrier Bomb Light Stores

CBLS 2000



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CBLS 2000 provides the facility for carriage and release of up to four practise stores. Designed for carriage on aircraft wing or fuselage pylons, CBLS 2000 includes four ERU122 (EX) Ejector Release Units and associated firing control electronics (Autoselector).

Key Features

- Wide ranging load capacity
- Conforms to the latest MIL specification requirements for the Eurofighter, Gripen and latest Hawk variants.

Platforms

- Integrated on: Tornado, Jaguar, Hawk
- Fitted to: LCA Tejas

PERFORMANCE DATA

The following performance figures are typical for the CBLS 2000 at 15°C with 1g assisting, using CERU 201 cartridge.

Ejected velocity of stores weight 6.6lb (3kg) (reaction limited to 562lbf (2.5kN))	28ft/s (8.5m/s)
Ejected velocity of stores weight 31lb (14kg) (reaction limited to 1124lbf (5kN))	16.5ft/s (5m/s)
Ground non derangement temperature range (non firing)	-60 to +90°C
Operating temperature range (firing)	-50 to +97°C
Operating temperature range (Ram Air)	134°C (For 30seconds)
Nominal firing current	10Amps
Nominal operating voltage	28VDC

Performance data subject to specific installation

STRENGTH DATA

Maximum reaction load at 97° C	1,236lbf (5.5kN)
Maximum aerodynamic load (Y axis)	4945lbf (22kN)
Maximum moments (MZ)	17850lbf ft (24.2kNm)
Unit weight	117lb/53kg

(No rocket electrical kit, rocket panniers, store adapters or suspension lugs)

DIMENSIONS

Overall length	97" (2464 mm)
Diameter	16.6" (422mm)
Hook centres	14" (356mm) & 30" (762mm)

CARTRIDGE DATA

Approved cartridges	CERU 201, ARD 863-1
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SERVICING PERIODS EXAMPLES

After firing	30 days or 30 shots
On aircraft	6 months
Storage	2 years



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