

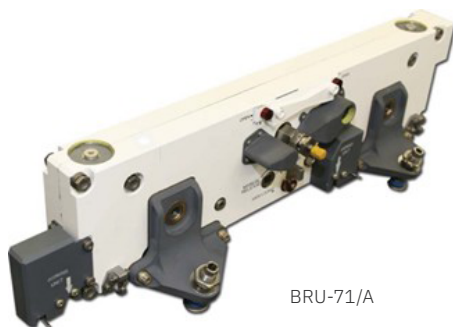
PNEUMATIC PARENT RACK: BRU-71/A

Lightweight single carriage release capability for multiple airframes

The L3Harris BRU-71/A is a 14-inch pneumatic weapon release rack qualified for use on the MQ-9 Reaper unmanned air vehicle and is suitable for unmanned platforms and light attack aircraft such as the L3Harris SKY RAIDER II INTERNATIONAL special operations light attack aircraft.

The BRU-71/A offers users loading ease via independent, self-latching hooks. Pneumatic operation eliminates pyrotechnic impulse cartridges and the cleaning and maintenance actions that result. The rack also features zero retention force arming units and a high-reliability pneumatic in-flight lock, enhancing store compatibility and supporting safe, controlled store release.

SPECIFICATIONS	
Weight	19.6 lbs
Dimensions	24 L x 5 H x 2 W in (at mounting)
Piston Stroke	4 in
Store Class (MIL-STD-8591)	1,000 lbs
Store Diameter Range	6 to 20 in
End-of-Stroke Velocity for 500 lbs Store	7 ft/sec
Pitch Control	Settable for each piston



BRU-71/A



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BENEFITS

- > Advanced design reduces logistics footprint and lowers maintenance costs
- > Pneumatic operation eliminates pyrotechnic cartridge maintenance, simplifying sustainment
- > Internal mounting eliminates the need for manual access, improving safety and ease of integration
- > Equipped with both mechanical and zero retention force electro-mechanical arming units allows for versatile munition compatibility
- > Equipped with a reversible in-flight lock, ensuring a high level of safety
- > Supports Small Diameter Bomb (SDB) carriage, expanding mission capability
- > Ground charging to 3000 psi eliminates the need for an onboard compressor, reducing system complexity and weight



Pneumatic Parent Rack: BRU-71/A

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