

PNEUMATIC PARENT RACK: BRU-67/A AND BRU-68/A

Combat-proven pneumatic single carriage release system for high-performance platforms

The L3Harris BRU-67/A is a 14-inch pneumatic weapon release rack qualified for use on all variants of the F-35 Lightning.

The L3Harris BRU-68/A is a 14-/30-inch pneumatic weapon release rack qualified for use on all variants of the F-35 Lightning.

The BRU-67/A and -68/A ensure simple and hassle-free loading via independent, self-latching hooks and semi-automatic swaybraces. Both products offer robust departure-controlled ejection to provide safe weapons release within a tight bay. Pneumatic operation eliminates pyrotechnic impulse cartridges and associated cleaning and maintenance.

SPECIFICATIONS	BRU-67/A	BRU-68/A
Weight	65 lbs	79 lbs
Dimensions	34 L x 13 H x 4 W in (at mounting)	37 L x 13 H x 4 W in (at mounting)
Ejection Method	Pneumatics – 5000 psi	Pneumatics – 5000 psi
Departure-Controlled Piston Stroke	6.9 in	6.9 in
Store Class (MIL-STD-8591)	500, 1,000 lbs	500, 1,000, 2,000 lbs
Store Diameter Range	8 to 20 in	8 to 32 in
End-of-Stroke Velocity for 500 lbs Store	>20 ft/sec	>20 ft/sec
End-of-Stroke Velocity for 1000 lbs Store	>15 ft/sec	>15 ft/sec
End-of-Stroke Velocity for 2000 lbs Store	N/A	>11 ft/sec
Pitch Control	One centralized control w/ five settings	One centralized control w/ five settings



BRU-67/A

BRU-68/A



The appearance of U.S. Department of War visual information does not imply or constitute DoW endorsement.

BENEFITS

- > Pneumatic operation eliminates pyrotechnic cartridges, reducing maintenance and training requirements
- > Semi-automatic swaybracing enables effortless operation and faster turnaround times
- > Payload restraint is maintained throughout the ejection stroke for safe, controlled release
- > Featuring 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
- > Single-stage piston construction delivers reliable, high-end, consistent ejection performance
- > CANBus status output simplifies system integration and reduces wiring complexity

Pneumatic Release Units: BRU-67/A and BRU-68/A

© 2026 L3Harris Technologies, Inc. | 08/2026 | L34542

NON-EXPORT CONTROLLED: THIS DOCUMENT CONSISTS OF INFORMATION THAT IS NOT DEFINED AS CONTROLLED TECHNICAL DATA UNDER ITAR PART 120.33 OR TECHNOLOGY UNDER EAR PART 772.

L3Harris is the Trusted Disruptor in defense tech. With customers' mission-critical needs always in mind, our employees deliver end-to-end technology solutions connecting the space, air, land, sea and cyber domains in the interest of national security. Visit [L3Harris.com](https://www.l3harris.com) for more information.

L3Harris Technologies, Inc.

1025 W. NASA Boulevard
Melbourne, FL 32919

[L3Harris.com](https://www.l3harris.com)