

*The*  
**Marvin Group**

# BRU-12

ELECTRO-MECHANICAL EJECTOR RACK

Lightweight suspension and release system for  
airborne stores up to 1,450 lbs



[www.marvingroup.com](http://www.marvingroup.com)

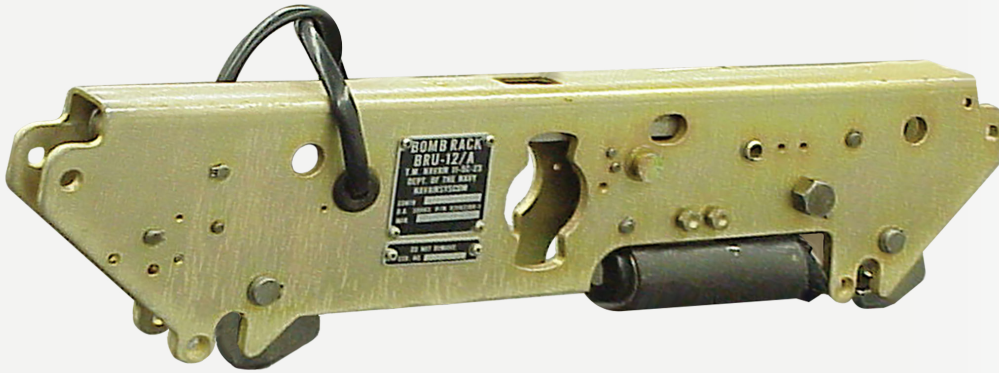
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## BRU-12

### ELECTRO-MECHANICAL EJECTOR RACK

The BRU-12/A is a lightweight, durable, and combat-proven bomb rack designed for fixed mounting in military aircraft bomb bays. This highly reliable system can carry, arm, and release weapons/stores weighing up to 1450 pounds, utilizing two 14-inch spaced hooks. Two solenoid-actuated arming units provide mechanical arming for the nose and tail of the store upon electrical actuation during release; otherwise, the store releases unarmed. A Linear Electromechanical Actuator (LEMA) provides electrical release, with no manual in-flight release option. This system supports a range of stores, including munitions, missiles, torpedoes, and sonobuoys, offering improved safety and reliability over the MAU-38 series. It features a linear electro-mechanical spring-loaded actuator and is currently in production and exportable.



### BENEFITS

- **Safe and Reliable:** Offers improved safety and reliability compared to the MAU-38 series.
- **Combat Proven:** A combat-proven design, demonstrating its effectiveness in real-world scenarios.
- **In Production and Exportable:** Actively manufactured and available for purchase by various entities.
- **Simple Operation:** Designed for ease of use and maintenance.
- **Durable and Proven:** A durable and proven system with a track record of worldwide service.

### PARAMETER

### DETAILS

PARAMETER	DETAILS
LENGTH	21.38 inches
WIDTH	2.00 inches (approx.)
HEIGHT	5.41 inches
WEIGHT	14 lbs
PLATFORM INTEGRATION	P-3

### FEATURES

- Supports Various Stores
- Carriage/Release up to 1450 lb Stores
- Electrically Actuated Arming Units
- Allows Unarmed Release
- Design Minimizes Aircraft Weight



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