

A technician wearing a red helmet and a dark shirt is working on the BRU-14 ejector rack of an aircraft. The technician is focused on adjusting a component of the rack. The aircraft's fuselage and various mechanical parts of the ejector rack are visible. The background is a clear blue sky.

*The*  
**Marvin Group**

# BRU-14

ELECTRO-MECHANICAL EJECTOR RACK

Lightweight suspension & release system for  
airborne stores up to 2,000 lbs

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## BRU-14

### ELECTRO-MECHANICAL EJECTOR RACK

The BRU-14/A is a lightweight, electro-mechanical ejector rack designed for military aircraft, capable of carrying and releasing stores weighing up to 2,000 pounds. It features a 14-inch suspension system, with the option to increase to 30 inches using Aero 1A adapters. This rack is combat-proven and highly reliable, offering primary and secondary release mechanisms, an Inflight Operable Bomb Release Lock (IFOBRL), and mechanical arming capabilities. It's compatible with various aircraft models, including the P-3C and S-3A, and can handle a range of stores like munitions, missiles, torpedoes, and sonobuoys.



### BENEFITS

- **Enhanced Mission Flexibility:** Carries and releases a wide array of stores, including munitions, missile systems, torpedoes, and sonobuoys.
- **Unmatched Reliability:** High reliability and simple use of operation. Combat proven, in production and exportable.
- **Operational Versatility:** Compatible with a variety of aircraft models, providing seamless integration and interoperability across different platforms.
- **Safety Assurance:** Primary release mechanism, IFOBRL and secondary release for improved safety features.
- **High Durability:** Durable & proven ejection system in-service worldwide.

### PARAMETER

### DETAILS

PARAMETER	DETAILS
LENGTH	23.50 inches
WIDTH	2.20 inches
HEIGHT	5.40 inches
WEIGHT	16 lbs
PLATFORM INTEGRATION	P-3 • S-3 • SH-60

### FEATURES

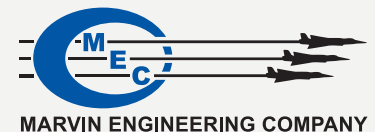
- Release or Ejection Stores Up to 2,200 lbs
- In-Flight Operable Bomb Lock
- 14" Suspension System
- Cartridge-Actuated Auxiliary Unlock Device
- Mechanical Arming of Stores in Two Solenoids



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