

The
Marvin Group

BRU-32

HEAVY DUTY EJECTOR RACK

Dual piston pyrotechnic ejection system for carriage & release of weapons & stores up to 4,200 lbs



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BRU-32

HEAVY DUTY EJECTOR RACK

The BRU-32B/A, a successor to the BRU-32A/A used on earlier F/A-18 Hornets, is a heavy-duty, dual-piston pyrotechnic ejector rack capable of carrying and releasing stores weighing up to 4,200 pounds. Its combat-proven design includes automatic store swaybracing and accommodates both 14-inch and 30-inch suspension. As a parent rack, the BRU-32/A can carry single stores, BRU-33A/A racks, and missile launchers, and is equipped with both 14- and 30-inch suspension hooks, a safety interlock, and automatic sway bracing. Sensing switches provide cockpit status information (loaded/unloaded), and the primary ejection unit uses two cartridges while the auxiliary release unit uses one for backup release.



BENEFITS

- **Enhanced Mission Flexibility:** Compatible with all variants of F-18 and easily integrated to other platforms.
- **Unmatched Reliability:** High reliability and simple use of operation.
- **Operational Versatility:** In production and exportable.
- **Safety Assurance:** Safety interlock to prevent accidental opening of hooks.
- **High Durability:** Durable and proven ejection system in-service worldwid

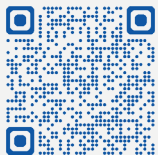
PARAMETER

DETAILS

PARAMETER	DETAILS
LENGTH	37.00 inches
WIDTH	7.34 inches
HEIGHT	7.50 inches
WEIGHT	76 lbs
PLATFORM INTEGRATION	F-18 All Variants

FEATURES

- Release or Ejection Stores Up to 4,200 lbs
- Twin cartridge pyrotechnic ejection
- 14" and 30" Suspension System
- Safety interlock for accidental hook opening
- Sensing switches to report bomb rack status



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