

Network Racks Accessories

2 & 4 Post Rack, Wall Mount Frames, Keyboard Shelf, Power Supply, Etc.



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BRU-42 Triple Ejector Rack (TER)

The Triple Ejector Rack (TER) is a weapon suspension unit that attaches to an aircraft's main racks (pylons), and that can carry up to three weapons. The Triple Ejector Rack has a single drop capability, in that the aircrew can drop the three bombs individually). Aircraft, including the F-14, can carry the full range of Mk80, Mk20 series bombs on TERs. The Air Force stopped using MERs in the early 1990s, and is currently only using the TER triple-rack, including the current TER-9 Bomb Rack.

The TER-9A MOD Triple Ejector Rack is suitable for supersonic under-wing F-16 weapons stores. This rack is comprised of over 500 mechanical and electro mechanical components. Marvin Engineering has manufactured various configurations for the US Navy, US Air Force and Foreign Governments. To date, Marvin Engineering has produced over 3,000 racks. The TER (A/A37B-5E) is an accessory suspension aircraft armament equipment which attach to a parent rack. The TER consist of an adapter assembly (strong back) three ejector units, a wiring harness, and an aircraft hardware adapter kit. The TER is capable of carrying three stores. Each ejector unit has four adjustable sway braces and two mechanically locking suspension hooks spaced 14 inches apart. Bombs are suspended and attached to the TER by two suspension lugs 14 inches apart [except the Mk 84 which had lugs 30 inches apart]. Release was achieved by firing a charge that actuated a piston that forced the bomb off the TER. Each ejector unit is equipped with a safety stop lever located on the rear sway brace assembly which, when rotated to the locked position, prevents accidental stores release. The and improved TER (BRU-42) have been introduced to the fleet to replace the TER. This rack incorporates internal modifications that improve bomb rack reliability and maintainability. The improved improved triple ejector rack also incorporate an electronic control unit which controls all bomb rack functions.



Sources and Resources

- [The Marvin Group - Products](#)