

Electro Mechanical Release Unit



/ ARESIA offers a large range of release units adaptable to most
type
of platforms

/ Helicopters, light combat aircraft, maritime patrol aircraft and
UAVs



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Electro Mechanical Release Unit



TECHNICAL CHARACTERISTICS

- **Compact and light weight unit :**
2037 : around 5kg (11 lbs)
2137 : less than 2.5kg (4,4 lbs)
- **Rapid operational turn-around time :** Single hook lifting control to check the store and to apply the preload.
Hook lifting system to install the store in less than 20 seconds.
No weapon harmonization after loading.
- **Rapid mission configuration change :** Permanent boresight repeatability due to automatic alignment.
- **Power consumption :**
2037 : 4 A (28 Vdc) normal release & 8 A (28 Vdc) Jettison release.
2137 : 5 A (28 Vdc).
- The 2037 Release Unit electrical interface : 1 or 2 connectors.
- Electrical release : 28 volts DC (18 to 30.5 Vdc).
- Qualified in accordance with MIL-STD-810 and DO-160 requirements.
- 2037 : Load factors in accordance with aircraft specification requirements (MIL-STD-8591).
- 2137 : Up to 150 kg with load factors. Reach compliant.

MAIN FEATURES

Universal release units with 14" spaced hooks for 1000 lbs Class NATO stores for 2037, and 100 lbs Class NATO stores for 2137 using either 100 lbs or 1000 lbs NATO lugs.

Accept any store with diameters up to 508mm (20").

High reliability.

Low drag coefficient when fitted with streamlined sway braces.

EXAMPLES OF INSTALLATION

In operational service and combat proven on Cougar, SuperLynx, Tiger, NH90, Bell 407, Bell 406 CS, MD 530, MD 500, MH-60S, S76, OH-58D, CASA 212, CN 235, C295, ATR72, PC7, PC9, T6-A, T6-B, AT6-C, KT-1, BK 117, EC-725, Panther, 407 AH, 412, SH-3D, ALH, LCH, MD 540, CESSNA CARAVAN, AH-6i, H160M.

CARRIED STORES

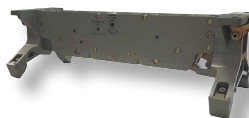
Machine gun, gun pods, cannon, bombs, rocket launcher, guided rocket launcher, missile launcher, fuel tanks, torpedoes.



01. EMRU 2037



02. EMRU 2037



03. EMRU 2037



04. Light RU 2137

