

Ejector Release Unit

Light and heavy duty ERUs



/ For combat aircraft,
helicopters, light combat
aircraft & UCAVs

/ Operates with any NATO Standard
Cartridge or cold gas energy

/ Rapid operational
turn-around time

/ Rapid mission configuration
change



aresia.com

Light and heavy duty ERUs for combat aircraft and helicopters



LIGHT DUTY EJECTOR RELEASE UNIT

Universal ERU with 14" hooks for 1000 lbs Class NATO stores.

2 different types : pyrotechnic and pneumatic.

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

Excellent ratio of ejection velocity versus reaction loads on aircraft structure.

Low drag coefficient when fitted with streamlined sway-braces.

HEAVY DUTY EJECTOR RELEASE UNIT

Universal ERU with 14"- 30" hooks for 1000 lbs and 2000 lbs Class NATO stores.

Accept any store with diameters in the range of 230 mm (9") to 690 mm (27").

Designed for easy integration to the pylon.

Fitted with up to two Electro-Mechanical arming-units.

2 different types : pyrotechnic and pneumatic.

Excellent ratio of ejection velocity versus reaction loads on aircraft structure.

Low drag coefficient when fitted with streamlined sway-braces.

High reliability.

LIGHT EJECTOR RELEASE UNIT

Compact and light weight unit from 11kg (24 lbs).

Rapid operational turn-around time : Single hook lifting control to chock the store and to apply the preload.

Hook lifting system to install the store in less than 20 seconds.

No weapon harmonization after loading required.

HEAVY EJECTOR RELEASE UNIT

Weight : Around 23kg (50 lbs).

Rapid operational turn-around time.

Rapid mission configuration change.

Load factors in accordance with aircraft specification requirements.

Operates with any NATO Standard Cartridge (pyrotechnic) or 350 bars energy source (cold gas).

THE ENERGY SOURCE

The ARESIA G040 Cold Gas Energy Source is a bottle of compressed gas designed to supply pneumatic energy to the ARESIA 1925 Ejector Release Unit 14"/30" which equips the ARESIA 9040 centerline pylon on the Rafale (Air Force and Navy versions). It is also mounted with the ARESIA ERU 14"/30" on the Gripen.

Low maintenance.

Service life : no limit.

Recharging equipment : any ground or airborne compressor.

Twin electro-valve designed for safety.

Visual pressure indicator.

Ground safety tap, manual relief valve.

