

# RELEASES

## CARGO PARACHUTE



P/N 811-00220-2, NSN 1670-01-337-4366

## OPERATION - MECHANICAL, NON-PRYOTECHNIC

The FXC Cargo Parachute Releases are hydraulically load activated. Upon main parachute opening, tension forces are transmitted through the cargo release, to the payload. "Tension" activates the delayed hydraulic arming feature. The delay is necessary to prevent premature disconnect of the payload during the initial unstable parachute deployment sequence. Only after the main parachute is fully inflated, the cargo release is "armed" and ready for disconnect. Upon ground or water impact, the cargo release senses a reduction in tension and disconnects, separating the parachute from the payload.

The entire family of FXC Cargo Parachute Releases are tamper proof, maintenance free, and are sealed against moisture, dirt, sand and dust.

Complete installation and operational instructions are published in:

- US ARMY FM-10-542
- US AIR FORCE T0-13C7-51-21
- NAVSEA T0300-AW-MM0-010



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## FEATURES

- Safe during descent in any weather
- Complete simplicity; needs no adjustments
- Sealed against moisture and dust
- Positively locked during opening shocks
- Disconnects immediately when load comes to rest
- Re-usable without dismantling or use of tools
- Arming delay starts when tension is applied between the load and the parachute
- No batteries, pyrotechnics or squibs



## ORDERING INFORMATION

PART NO.	LOAD RANGE	PROOF LOAD	WEIGHT	SIZE	NSN STOCK NO.
811-00147-2	50-100	500	3.5 oz.	4.92"x1.13"	PENDING
811-00146-2	100-500	2,000	11.0 oz.	4.92"x1.13"	1670-01-506-3973
811-00158	250-2,500	10,000	2.33 lbs.	8.85"x1.69"	1670-01-310-2875
811-00220-2	2,000-5,000	20,000	10.5 lbs.	2.75"x2.38"x14.63	1670-01-337-4366



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