

MODEL 12000-25 MILITARY PARACHUTE RIPCORDERELEASE ADJUSTABLE FROM 2,000 TO 25,000 FT



OPERATION - MECHANICAL, NON-PYROTECHNIC

The FXC Model 12000-25 Automatic Parachute Ripcord Release is a precision device, designed for parachutists making premeditated parachute jumps. The Release is adjustable from 2,000 to 25,000 feet completely mechanical in action not relying on batteries, squibs or pyrotechnic devices. The Military Model 12000 is primarily designed for HAHO/HALO missions.

The Release can be used on both the main, and/or reserve of a tandem system, as well as a chest mounted reserve.

DESCRIPTION

The Model 12000's function is to automatically withdraw the parachute ripcord pins in the event the parachutist reaches the point of the unit's preset altitude, and for whatever reason, the parachutist's rate-of-descent is exceeding 100 feet per second. Under normal conditions the Model 12000-25 would not operate, due to the parachutist having deployed his main chute, thus slowing his rate-of-descent below 70 feet per second.

The configuration allows adjustment of the activation altitudes to easily be accomplished in the aircraft by directly setting the indicator needle to the desired activation altitude above sea level. The release will operate when the parachutist reaches the altitude setting and is falling faster than 100 feet per second.



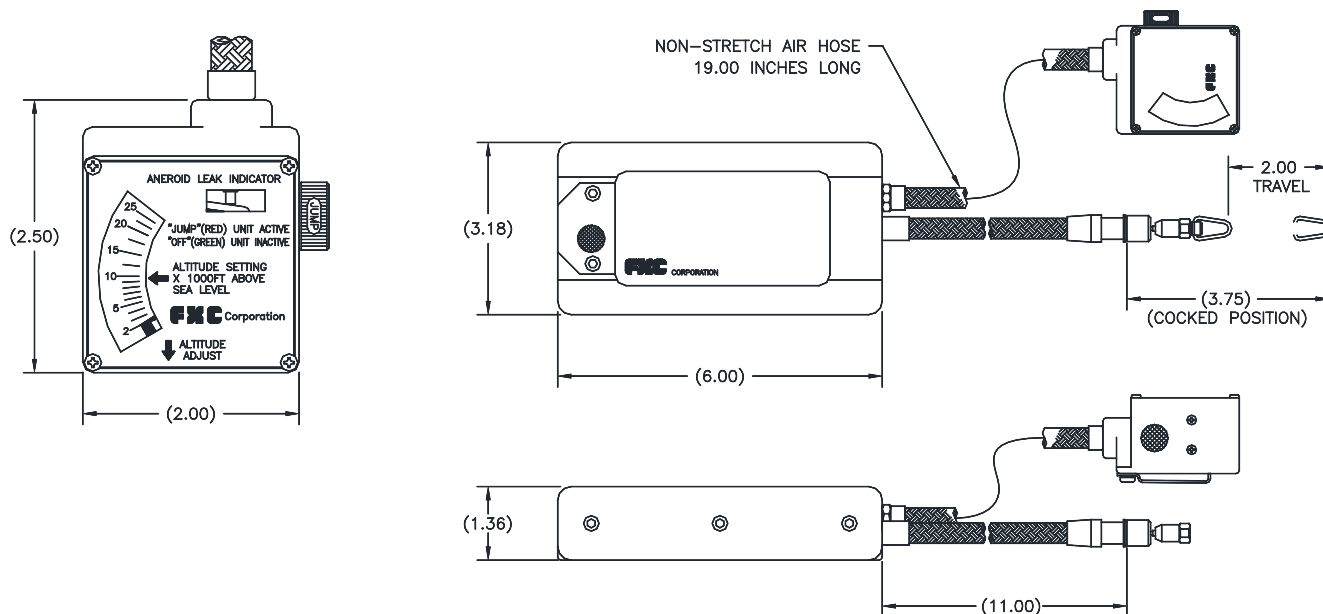
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MODEL 12000-25

SPECIFICATION

TYPE	MECHANICAL
CONTROL	BAROMETRIC PRESSURE & RATE SENSING
ACTUATING ALTITUDE	2,000 FT (609.6 M) TO 25,000 FT (7,620 M) ABOVE SEA LEVEL
POWER CABLE RETRACTION	2.00 INCHES (0.05 M)
RETRACTION FORCE	80 POUNDS \pm 10% AT RELEASE POINT
SIZE	6.00 LG X 3.18 W X 1.36 H.
WEIGHT	32 OUNCES (0.9 KG)



ORDERING INFORMATION: NSN 1670-01-544-9779

FXC PART NO.	A.C. HOSE LENGTH	POWER HAUSING LENGTH	INSTALLATION
811-00042-25	19.00 Inch (0.48 M)	11.00 Inch (0.27 M)	MACH III ALPHA, MT1XX. MC4, MC5 RESERVE CHUTE



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