

MISSILE LAUNCHER: LAU-147/A

Combat-proven pneumatic release missile launcher for high-performance platforms

The L3Harris LAU-147/A is a missile launcher qualified for use on all variants of the F-35.

The LAU-147/A provides operators with ease of loading via independent, self-latching hooks and semi-automatic swaybraces. Pneumatic operation eliminates the need for pyrotechnic impulse cartridges and the handling and maintenance actions associated with their use. The LAU-147/A features a robust, departure-controlled ejection capability for safe operation within a tight weapons bay.

SPECIFICATIONS	
Weight	62 lbs
Dimensions	43 L x 8.5 H x 4 W in
Ejection Method	Pneumatics – 5,000 psi
Departure-Controlled Piston Stroke	7.8 in
Store	AIM-120 or METEOR
End-of-Stroke Velocity (AIM-120)	>25 ft/sec
End-of-Stroke Velocity (METEOR)	>22 ft/sec



LAU-147/A



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BENEFITS

- > Pneumatic operation eliminates the need for pyrotechnic cartridge maintenance, reducing lifecycle costs and minimizing handling requirements
- > Semi-automatic swaybracing ensures secure store retention, enabling effortless operation and faster aircraft turn-around-time
- > Provides payload restraint throughout the ejection stroke, supporting safe and controlled release for internal bay applications
- > Equipped with a reversible in-flight lock, increasing operational flexibility and ensuring secure retention during all phases of flight
- > Dual-stage telescoping piston design reduces installation height, enabling integration on platforms with constrained space
- > Status provided via CANBus, simplifying wiring architecture and improving system integration and diagnostics

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