

The
Marvin Group

LAU-7

AIR TO AIR MISSILE LAUNCHER

Air to air missile launcher series for carrying & launching the AIM-9 missile family and instrumentation pods



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LAU-7

AIR TO AIR MISSILE LAUNCHER

The LAU-7 is a rail launcher primarily designed for the AIM-9 Sidewinder missile family and instrumentation pods, featuring an internal cooling source and power supply. It's adaptable for other similarly sized munitions like the AIM-132 ASRAAM and IRIS-T, and has been integrated with various aircraft including the F/A-18 Hornet/Super Hornet, AV-8B Harrier, and AH-1W/Z SuperCobra. Numerous variants exist, with some (like the /A-6, /A-7, B/A, etc.) supporting the AIM-9M and instrumentation pods, while others (D/A, E/A, F/A) feature digital power supplies for the AIM-9X. Cooling is provided by either a nitrogen bottle (older variants) or a Pure Air Generation System (PAGS) in newer versions like the C/A, E/A, and F/A variants.



BENEFITS

- **Ease of Maintenance and Support:** The modular system design simplifies maintenance, support, and upgrades.
- **Upgrade Potential:** Multiple upgrade options are available, accommodating missiles like ASRAAM, IRIS-T, and others, extending its service life and adaptability.
- **Proven Reliability:** Highly reliable and combat-proven, with a worldwide service record.
- **Weapon Flexibility:** Capable of carrying a range of munitions, including the AIM-9 Sidewinder family, AIM-132 ASRAAM, IRIS-T, and others, providing versatility in mission profiles.
- **Wide Aircraft Compatibility:** Integrated with numerous aircraft platforms allowing for broad application across different forces.
- **Advanced Capabilities:** Later variants incorporate digital power supplies for compatibility with advanced missiles like the AIM-9X and offer options for seeker cooling, including PAGS and nitrogen bottles, catering to specific operational needs.

PARAMETER

DETAILS

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LENGTH	110.00 inches
WIDTH	4.20 inches
HEIGHT	5.40 inches
WEIGHT	90 lbs
PLATFORM INTEGRATION	F/A-18 • AV-8B • AH-1W/Z • Super Tucano • Jaguar BAe Hawk • Sea Harrier • Tornado • AMX

FEATURES

Designed to carry the AIM-9 Sidewinder missile

Adaptable and upgradeable to carry AIM-132

ASRAAM and IRIS-T

Includes an internal cooling source for infrared

missile seeker cooling and a power supply



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