

The
Marvin Group

CGR

COMMON GROUND RAIL LAUNCHER

Guided missile launcher for NASAMS



www.marvingroup.com

sales@marvineng.com

+1 310.674.5030

CGR

COMMON GROUND RAIL LAUNCHER

Marvin Engineering Co. has produced a variety of launcher systems utilized in Surface-to-Air applications. The Common Ground Rail (CGR) is a guided missile launcher that can be integrated into canisters to protect the munition during transit and from environmental factors, or as an exposed launcher for “high mobility” applications such as the National Advanced Surface-to-Air Missile System (NASAMS). It is a rugged, versatile, and reliable single rail launcher compatible with AIM-9X missiles.

The CGR is an adaptation of the proven MRL air-to-air launcher for SRAAM/BVRAAM missiles to accommodate heavier weight missiles for Surface-to-Surface or Surface-to-Air applications.

CGR can also be integrated with RWS technology for containerized solutions such as expeditionary warfare, border security, etc.



BENEFITS

- **Adaptability:** The CGR's compatibility with various missile types and its ability to be used in different configurations make it a highly adaptable solution for various defense needs.
- **Reliability:** The rugged design and proven technology ensure that the CGR is a reliable launcher for critical defense applications
- **Enhanced Mission Flexibility:** CGR for NASAMS and other Ground-based air defense systems.
- **Unmatched Reliability:** Provides ease of maintenance and low in-service costs.
- **Operational Versatility:** Rugged, versatile, and reliable single rail launcher compatible with AIM-9X missiles.
- **Safety Assurance:** Manual release mechanism adds an extra layer of safety, allowing for the manual deployment of stores if necessary.
- **High Durability:** Environmentally tested for wheeled and track vehicles for effector weights up to 600 lbs.

PARAMETER

DETAILS

PARAMETER	DETAILS
LENGTH	100.70 inches
WIDTH	4.012 inches
HEIGHT	6.178 inches
WEIGHT	89.54 lbs
PLATFORM INTEGRATION	NASAMS
ACCESSORY FIELD KIT	MTS-3060A SmartCan™ Test Set

FEATURES

Adaptation of the Proven MRL A-A Launcher

Versatility: Exposed/High Mobility/Canister integration.

Compatibility: AIM-9X and Heavier Missiles

Rugged Design: Built for harsh conditions.

RWS Integration: Supports Remote Weapon Station technology.



MARVIN ENGINEERING CO., INC.

261 West Beach Avenue, Inglewood, California 90302 USA

T: +1 310.671.5030 • F: +1 310.673.9472 • sales@marvineng.com



MARVIN ENGINEERING COMPANY