



KONGSBERG

NASAMS MULTI-MISSILE LAUNCHER



NASAMS Multi-Missile Launcher

One Launcher - Different Missile Capabilities

The purpose of the NASAMS Multi-Missile Launcher is to transport, aim and fire missiles with different characteristics, all mounted on the same launch rail inside the protective canisters. One launcher (LCHR) permits rapid launching of up to six missiles against single or multiple airborne targets.

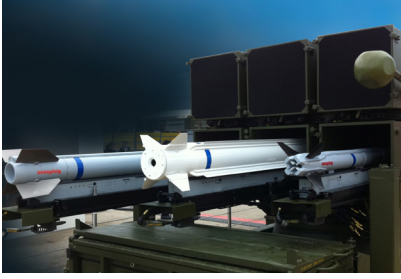
To date, the following missiles have been fired from the Multi-Missile Launcher:

- AIM-120 AMRAAM B/C5/C7
 - Active RF Missile
 - Baseline missile in NASAMS
- AMRAAM Extended Range (AMRAAM ER)
 - Active RF missile with same seeker as AIM-120 AMRAAM
- AIM 9-X Sidewinder
 - IR Missile

The low cost, robust, reliable and highly maneuverable LCHR provides 360° all weather, day and night, missile launch capability. Under the remote control of the KONGSBERG Fire Distribution Center (FDC) Command & Control node, the LCHR facilitates rapid launching of missiles. It is the direct interface between the missiles and the FDC, transmitting target and guidance data before and during missile flight.

FEATURES

- Missile Mix - different capabilities
- Operational Flexibility
- 6 Ready-to-Fire Missiles
- Transmitting target and guidance data to the missile before and in-flight.
- Fielded and proven
- Effective ILS and Maintenance
- Low Life Cycle Cost
- Transported by Truck/ Rail/ Air/ Sea
- More than 200 AMRAAMS have been launched from the NASAMS launcher



Facts

The NASAMS Multi-Missile Launcher was originally developed to fire the standard AIM-120 AMRAAM missiles. Over the years, several types of missiles have been tested and qualified for firing from the LCHR, providing a unique operational flexibility in Air Defense missions.

One single LCHR can hold six (6) ready-to-fire missiles. Missiles may be fired at multiple targets simultaneously. In a battalion configuration comprising of up to 12 launchers and up to 72 missiles, all missiles can be fired against individual targets in a few seconds.



The LCHR is fielded or under delivery for the Royal Norwegian Air Force, the Spanish Army, The Royal Netherlands Army, Royal Air Force of Oman, The Army of Finland, The Indonesian Armed Forces, The Lithuania Armed Forces, The Royal Australian Air Force, The Qatar Emiri Air Force, The Hungarian Air Force, one undisclosed customer and by the National Guard in the USA for defence of the National Capitol Region (Washington D.C.).

Proven and reliable

The NASAMS Multi-Missile Launcher is well proven, and has supported more than 220 live missile firings under various climatic conditions, desert, temperate, arctic, both in the USA, Norway, Spain, Finland, Oman and Sweden. The LCHR is currently deployed on an active 24/7 operation in USA, and has proven to be extremely reliable, also during extreme weather conditions.



Experience through many years of use has proven that the LCHR has low maintenance requirements, high availability and reliability and provides the users with a low-risk and low life cycle cost solution.

Transportability

The LCHR is designed with transportability in mind and is C-130 and helicopter transportable and can be transported by Break-bulk or Roll-On Roll-Off vessels. The LCHR is within the limits of the Bern Tunnel Profile.

The LCHR can be transported on different types of trucks. A standard hook lift system is established on the LCHR to load and off-load the LCHR from the truck for proper emplacement.

