

Integrated Air Defence Weapon System (IADWS)

July 1, 2020

The US has approved the sale of \$1.867 billion Integrated Air Defence Weapon System to India

About Integrated Air Defence Weapon System

- The Integrated Air Defence Weapon System, **also known as the National Advanced Surface to Air Missile System (NASAMS), provides integrated air missile defence** and is currently deployed around Washington
- NASAMS is being specifically acquired for the missile shield over Delhi
- As per the proposed overall air defence plan for Delhi, the innermost layer of protection will be through the NASAMS. It will be a combination of different weapons like Stinger surface-to-air missiles, gun systems and AIM-120C-7 AMRAAMs (advanced medium-range air-to-air missiles), backed by three-dimensional Sentinel radars, fire-distribution centres and command-and-control units
- The system **includes radar, launchers, targeting, and guidance systems, advanced medium-range air-to-air missile (AMRAAM)** and Stinger missiles, and related equipment and support
- India intends to use these defence articles and services to modernize its armed forces, and to expand its existing air defence architecture to counter threats posed by air attack

Advanced Medium-Range Air-to-Air Missile

(AMRAAM)

- AMRAAM is an American beyond-visual-range air-to-air missile (BVRAAM) capable of all-weather day-and-night

operations.

- It has the advantage of being a fire-and-forget weapon
- The AMRAAM is the world's most popular beyond-visual-range missile