



Integrated Air Defence Weapon System Under Mission Sudarshan Chakra

[Source: IE](#)

The [Defence Research and Development Organisation \(DRDO\)](#) successfully conducted the first flight tests of the **Integrated Air Defence Weapon System (IADWS)**, under [Mission Sudarshan Chakra](#).

- **Mission Sudarshan Chakra:** Announced on the **79th Independence Day**, it is a **national security initiative** that aims to develop an indigenous **Iron Dome-like air defence system** (with advanced technologies, and multi-layered defence systems) by 2035 to protect critical civil and defence infrastructure
 - The mission aims to **neutralize enemy attacks and enable swift counterstrikes**, ensuring rapid, precise defence and strengthening India's strategic autonomy.
- **IADWS:** It is an advanced, indigenous multi-layered [air defence system](#) with **QRSAM** (Quick Reaction Surface-to-Air Missiles), **VSHORADS** (Very Short Range Air Defence System), and **DEW** (Directed Energy Weapon) (a laser-based high-energy system).
 - Controlled by a **Centralised Command and Control Centre**, IADWS ensures real-time detection and neutralization of targets like [Unmanned Aerial Vehicles \(UAVs\)](#), and **missiles**.
 - IADWS builds on **India's use of S-400, Barak-8, and Akash systems** during [Operation Sindoor](#) to intercept Pakistani drones and missiles.
 - Its successful flight tests mark a major step in strengthening India's self-reliant and integrated air defence capabilities.

Read more: [India's Advancements in Ballistic and Air Defence Systems](#)

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