

Vertical Launch Short Range Surface to Air Missile (VL-SRSAM)

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In News: Defence Research & Development Organisation (DRDO) conducted two successful launches of Vertical Launch Short Range Surface to Air Missile (VL-SRSAM) .

About VL-SRSAM

- VL-SRSAM is meant for neutralizing various aerial threats at close ranges including sea-skimming targets.
- The current launches were carried out for demonstration of vertical launch capability as part of its maiden launch campaign.
- On both occasions, the missiles intercepted the simulated targets with pinpoint accuracy. The missiles were tested for minimum and maximum range.
- VL-SRSAM with Weapon Control System (WCS) were deployed during the trials.
- The launches were monitored by senior scientists from various DRDO labs involved in the design and development of the system such as DRDL, RCI, Hyderabad and R&D Engineers, Pune.
- During the test launches, flight path and vehicle performance parameters were monitored using flight data, captured by various Range instruments such as Radar, EOTS and Telemetry systems deployed by ITR, Chandipur.
- The present trials have proved the effectiveness of the weapon system and few more trials will be conducted shortly before deployment on Indian Naval ships.
- Once deployed, the VL-SRSAM system will prove to be a force multiplier for the Indian Navy.

Short Range Surface to Air Missile system (SRSAM)

- Quick Reaction Surface to Air Missile System (QRSAM) is a Short Range Surface to Air Missile system.
- QRSAM is designed to protect moving armoured columns from aerial attacks.
- The entire weapon system is configured on highly mobile platforms and is capable of providing air defence on the move.
- QRSAM Weapon Systems is being inducted into the Indian Army (IA).
- The Missile is canisterised for transportation and launch using a mobile launcher capable of carrying 6 canisterised missiles.
- The missile is propelled by a single stage solid propellant rocket motor and uses all indigenous subsystems.
- QSRAM is a missile developed by:
 - Defence Research and Development Organisation (DRDO)
 - Bharat Electronics Limited
 - Bharat Dynamics Limited for the Indian Army.