

Very Short Range Air Defence System (VSHORADS) missile

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In news—The Defence Research and Development Organisation (DRDO) recently conducted two successful test flights of the Very Short Range Air Defence System (VSHORADS).

About the missile-

- It is capable of neutralising low altitude aerial threats at short ranges.
- The missile is a Man Portable Air Defence System (MANPAD) designed and developed indigenously by DRDO's Research Centre Imarat (RCI), Hyderabad in collaboration with other DRDO facilities and various Indian industry partners.
- The design of the missile, including launcher, has been highly optimised to ensure easy portability.
- The air defence **missile incorporates many novel technologies including miniaturised Reaction Control System (RCS) and integrated avionics**, which have been successfully tested during the trials.
- The missile has been designed to **neutralise low altitude aerial threats** at short ranges and is propelled by a dual thrust solid motor.
- In the multilayered air defence network, VSHORAD is the soldier's **last line of defence against enemy combat aircraft and helicopters.**