

## **PALM 400 RPV**

By IASToppers | 2023-03-03 16:00:00



## **PALM 400 RPV**

India will test an 'aerial targeting system' called PALM 400 for the artillery directorate.



[Ref: BS]

### About (precision attack loitering munition) PALM 400 RPV:

- It is created by **AVision Systems**, a joint venture between **Israeli firm UVision Air Ltd** and **Hyderabad-based Aditya Precitech Private Ltd**.
- It is designed to **fly over armoured vehicle** concentrations, or areas where they are expected.
- It is launched from a **canister** and **can loiter** (remain on station) over a kill zone for **up to 120 minutes** flying at **3,000-4,000 feet** above the ground.

### Features

- It flies at 90- 260 kmph, giving it a range of **over 100 km**.
- It has stabilised, dual **electro-optical/infrared (EO/IR) cameras** to identify and engage targets during **day or night**.
- Its **high-end homing capabilities** ensure accurate tracking of **static and moving targets**.
- It can operate where the **Global Positioning System** is **denied to the system**.
- It is also effective against strategic enemy targets with its **customisable warhead** designed to handle different types of targets.

