



High Speed Expendable Aerial Target 'ABHYAS'

[Source: PIB](#)

Recently, [Defence Research and Development Organisation \(DRDO\)](#) has completed developmental trials of the [High Speed Expendable Aerial Target \(HEAT\) 'ABHYAS'](#).

- The trials took place at the **Integrated Test Range (ITR)**, Odisha.
- **ABHYAS** is a **HEAT** being developed at **Aeronautical Development Establishment (ADE) of DRDO**.
 - It is designed to provide a **realistic threat scenario** for practicing the use of **weapon systems**.
 - Abhyas is made for **autonomous flight with the assistance of an autopilot**.
 - It is equipped with systems like **RCS (Radar Cross Section), Visual, and IR (Infrared) augmentation, a laptop-based ground control system, pre-flight checks, and data recording for post-flight analysis** to support weapon practice.
- An expendable aerial target is a low-cost, replaceable drone or [Unmanned Aerial Vehicles \(UAVs\)](#) that is used to simulate aerial threats and enable military training, testing, and evaluation activities.

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