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News: IAF likely to induct Astra BVR air to air missile by yearend

Astra

- Astra is an **all weather- Beyond-visual-range** missile that has been developed **By Defense Research and Development Organization (DRDO)** under **Integrated Guided-Missile Development Program (IGMDP)**.
- The missile is fuelled by a **Single-Solid-fuel engine** which is able to **manoeuvre at a maximum speed of 5555kmph**.
- The missile is also capable of **having a payload with a maximum range of 70 km**.

Features

- **Electronic-Counter Countermeasures** (to evade resistance of jamming).
- Option to choose between **Lock-on before Launch (LOBL) & Lock-on after Launch (LOAL)**. **LOAL** means the **capability of missile systems to lock-on its target after being launched from its carrier vehicle**.
- It is the **first air-to-air missile developed in India**.