



Flying Trainer HANSA-NG

Why in News?

Recently, HANSA-NG, a first of its kind, indigenously developed aircraft trainer has completed sea level trials.

- It is developed by the **CSIR-National Aerospace Laboratories (CSIR-NAL)**.
- National Aerospace Laboratories (NAL), a constituent of the **Council of Scientific and Industrial Research (CSIR)** established in the year 1959 is the **only government aerospace Research & Development laboratory** in the country's civilian sector.
- **Council of Scientific and Industrial Research (CSIR)** is the **largest Research and Development (R&D)** organisation in India.



What are the features of HANSA-NG?

- The **HANSA-NG, or HANSA-New Generation**, is one of the **most advanced flying trainers**.

- HANSA-NG is an **upgraded version of HANSA**, which saw the first flight in 1993, and was certified in 2000.
- The Centre approved **HANSA-NG in 2018** and **NAL retro-modified HANSA-3 aircraft** with a glass cockpit and got it certified by **DGCA (Directorate General of Civil Aviation)**. The aircraft was demonstrated at [Aero-India 2019](#).
- It is powered by a **Rotax Digital Control Engine** and is **designed to meet the need for trainer aircraft** by flying clubs in India.
- It is an ideal aircraft for **Commercial Pilot Licensing (CPL)** due to its low cost and low fuel consumption.

[Source: PIB](#)

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