

# HANSA-NG

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**In news-** Recently, a first of its kind, indigenously developed aircraft trainer, HANSA-NG finished its sea trials at Puducherry.

## **About HANSA-NG-**

- HANSA-New Generation is one of the most advanced flying trainers, powered by a **Rotax Digital Control Engine** with **features such as a Just-In-Time Prepreg (JIPREG) composite lightweight airframe**, a glass cockpit, a bubble canopy with a wide panoramic view, and electrically operated flaps, among other features.
- **It is designed and developed by CSIR-National Aerospace Laboratories(NAL).**
- It 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.
- NAL has already received more than 80 nos. of LoIs [Letters of Intent] from various flying clubs.
- It had so far completed 37 flights and 50 hours of flying and a few more were necessary before securing “type certification from the DGCA.
- This certification process is likely to be completed by April 2022, and thereafter will begin to be manufactured in industry.
- The two-seater Hansa-NG, a revamped version of the original Hansa developed three decades ago, had a successful maiden flight on September 4 when it took off from the Hindustan Aeronautics Limited (HAL) airport and flew for about 20 minutes.

## **CSIR-National Aerospace Laboratories-**

- It is a constituent of the Council of Scientific and

Industrial Research (CSIR), India.

- It was established in the year 1959 and is the only government aerospace R&D laboratory in the country's civilian sector.
- It is a high-technology oriented institution focusing on advanced disciplines in aerospace.
- It has several advanced test facilities, and many of them are recognized as National Facilities.