

# HAL at Aero India 2021



(Photo: Angad Singh)

A unique flying display of HAL's indigenous platforms (both fixed and rotary wing) aptly titled *Aatmanirbhar Formation Flight* were part of the flying display at start of the 13<sup>th</sup> edition of Aero India on 3 February 2021 at Air Force Station, Yelahanka. "HAL are showcasing their prowess in defence and aerospace centered on the theme 'Conceive. Indigenise. Collaborate' at this, the world's first hybrid exhibition."

The *Aatmanirbhar Formation Flight* consisted of HAL products such as the LCA trainer (LIFT), HTT-40, IJT, Advanced Hawk Mk.132 and Civil Dornier-228 flying in a special formation showcasing the spectrum of trainers and signifying self-sufficiency in this segment. The Sukhoi Su-30MKI, Advanced Light Helicopter (ALH), Light Combat Helicopter (LCH), Light Utility Helicopter (LUH) also took part in the flying display, while the static display included the Do 228 light transport aircraft Hindustan Turbo Trainer (HTT)-40, LUH and the Dhruv ALH Mk III.

HAL's major attraction at Hall-E was the *Combat Air Teaming System* (CATS) simulator. The simulator had Tejas-Max cockpit as the mother-ship platform with the embedded air teaming intelligence concepts to demonstrate the fully integrated as well as autonomous wingman platforms and swarming of drones to engage in the mission. Immersive mission visualisation were projected over a wider screen apart

## HAL & MIDHANI in MoU for Production of Composites Raw Materials



HAL and MIDHANI signed a Memorandum of Understanding (MoU) for development and production of composite raw materials. The MoU was signed by Mr R. Madhavan, CMD (HAL) and Dr S K Jha, CMD (MIDHANI) the first time that such an MoU has been signed for composite raw materials. Mr R Madhavan said that "composites are one area where HAL will collaborate." Composites raw materials, mainly in the form of Prepregs used in platforms like LCA, ALH, LCH and LUH are currently imported.

from the command and display at Tejas-Max cockpit.

The outdoor display adjacent to HAL stall featured rotary-wing products

including the LCH, ALH Mk.IV Rudra and ALH Civil variant.

HAL's indoor pavilion was spread over an area of around 1126 sqm in Hall-E