

signed between European Union Safety Agency (EASA) and DGCA that focuses on collaboration on unmanned aircraft and innovative air mobility between the two civil aviation authorities.

The working groups are focusing on various aspects such as Vertiports, Type Certification of Vertical take-off and landing capable aircraft (VCA), Crew Licensing, Air Operator Permits, UAS Traffic Management (UTM), and Maintenance, Repair, and Overhaul (MRO).

Presently, as per DGCA records, M/s Ubifly Technologies Pvt. Ltd., a Chennai based company and M/s Nalwa Aero Pvt. Ltd, a Chandigarh based company are working on EVTOLS aircraft in civil aviation.

DGCA, after consultation with various stakeholders within the country and abroad has issued Guidance material on "Type Certification of vertical take-off and landing capable aircraft (VCA)" and "Design, Operation and Authorization of Vertiports" so as to align with best practices available globally and these documents are available on the DGCA website.

Based on the regulatory framework, vertiports, air routes and other necessary infrastructure essential for safe and efficient AAM operations would be established. The operations would be managed strategically and tactically by optimising the air traffic flow in the airspace with the use of Unmanned Aircraft Traffic Management (UTM) systems along with existing Air Traffic Management (ATM) systems for de-conflicting the movements of multiple small aircraft and integrating autonomous drones in the same airspace.
