

# WEEKLY REWIND

OUR TAKE ON THE NEWS THAT CAUGHT OUR ATTENTION  
IN ADVANCED AIR MOBILITY & THE REST OF AEROSPACE

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## ADVANCED AIR MOBILITY

- New Zealand regional airline Sounds Air confirmed its launch orders for three Heart Aerospace ES-19 electric aircraft, with first delivery in 2026 - **eCTOL aircraft continue to find interested operators due to their environmental sustainability and lower operating costs, but range still remain limited**
  - Two new AAM companies unveiled their projects: Seaplane Hong Kong unveiled their DragonflyX, an 8-seater fuel-cell UAM vehicle with a range of up to 155mi; India-based Vinata Aeromobility is developing a fully autonomous 2-seater hybrid-electric eVTOL, similar in configuration to Xpeng Voyager X2 - **Following Indian ePlane eVTOL announcement a few weeks back, we are starting to see more AAM activity by companies outside the AAM hotbeds, US and Europe**
  - Dufour Aerospace unveiled an updated configuration for its Aero3 hybrid-electric tiltwing eVTOL aircraft, increasing the number of propellers from four to six and adding two more propellers on a redesigned tail section to improve performance, increase system redundancy and safety - **While the company works on the development and EIS of their smaller unmanned Aero2, it is finalizing the configuration of the large manned aircraft that has already flown as a sub scale model**
  - Airflow, the OEM behind hybrid eSTOLs Model 100 and 200, announced Lols from 11 prospective customers for 238 aircraft worth more than \$600 million - **Order announcements from eSTOL manufacturers are validating the configuration's capabilities as another option in the AAM industry**
  - Atlas Crest Investment Corp., the SPAC merging with Archer, announced its shareholders vote to approve the business combination with Archer on September 14 - **Archer plans to join Ehang and Joby as the third (or fourth if Lilium goes public first) eVTOL OEM to be publicly traded**
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## THE REST OF AEROSPACE

- Embraer is working toward the launch of a 70-90-seat regional turboprop, sporting the same cross-section as the E-Jets and with aft-fuselage-mounted engines, with 20-40% lower fuel burn and emissions than jets, aiming for 2026-27 EIS - **The company has focused on this aircraft as their next commercial project and the new configuration with aft-mounted engine is seen as quieter, compatible with jet bridges and propulsion future-proof**
  - Embraer is preparing to launch development of the hybrid-electric Short Takeoff Utility Transport (STOUT) with the Brazilian Air Force, funding permitting - **This light military transport, also aimed at the civil cargo market, incorporates propulsive innovation with two turboshafts generating electric power to drive four propellers**
  - Bell filed a patent application for a tanker that would in-flight recharge electric aircraft, forecasting potential beyond military missions to offer aerial recharging to commercial customers on a pay-for-power basis - **We believe this is a missing piece in the military use case as it will increase survivability, range and endurance for electric aircraft and the armed forces could even use existing tankers modified to produce electricity from their turboprops or turbofans**
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## QUOTE OF THE WEEK

"Our test flights with a large-scale demonstrator and the wind tunnel tests have clearly confirmed the exceptional performance and versatility of the tilt-wing design"

**Jasmine Kent, Co-founder and CTO, Dufour Aerospace**

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