

WEEKLY REWIND

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

ADVANCED AIR MOBILITY

- United Airlines Ventures (UAV), Breakthrough Energy Ventures (BEV) and Mesa Airlines, invested in electric aircraft startup Heart Aerospace, that is developing a 19-seat electric aircraft, the ES-19; United Airlines and Mesa Airlines also conditionally agreed to purchase 100 ES-19 aircraft each, provided they meet the airlines' safety, business and operating requirements - **United is becoming the biggest airline proponent of new forms of air mobility, with an order for a regional all-electric aircraft, in addition to supersonic airliners and eVTOLs**
- Beta Technologies added to two key people to their roster, Dr. Will Roper, former Assistant Secretary of the U.S. Air Force for Acquisition, Technology and Logistics and the person behind the launch of Agility Prime, as a director and Edward Eppler, former global head of Aerospace and Defense Investment Banking at Goldman Sachs, as CFO - **The company continues to attract some of the best talent in and outside the industry, a strong indicator of their future potential in the AAM market**
- EHang successfully completed the technical examination of its EH216F firefighting eVTOL version by the China National Fire-Fighting Equipment Quality Supervision Testing Center (NFFE), certifying its conformity to firefighting UAV standards and paving the way for adoption of the vehicle as a high-rise firefighting solution - **Ehang is looking at use cases that could have an initial higher growth rate than air taxi**
- Joby Aviation, JetBlue and Signature Flight Support are planning to establish carbon credits for flights using green electric and hydrogen propulsion - **As carbon credits have been a boon for Tesla and helped them during their many cash-draining years, a similar scheme for aviation could help improve the industry image and help the new AAM entrants at the same time**
- XPeng Huitian, the eVTOL company owned by XPeng Motors, unveiled its fifth-generation vehicle, the X2, an eight-propeller, two-passenger autonomous eVTOL; their previous eVTOL, the one-seat Voyager X1 has flown over 10,000 test flights - **XPeng seems intentioned to become a competitor to Ehang, but there is still much work to be done**

THE REST OF AEROSPACE

- Boeing, SkyNRG and SkyNRG Americas announced a partnership to accelerate SAF development and global use, focusing on scaling production capacity, building awareness and engaging stakeholders throughout the value chain - **Boeing has opted for a more pragmatic approach to the sustainability of its future commercial products, selecting existing SAF over Airbus' choice of hydrogen**
- China Aerospace Science and Technology Corporation, (CASC) has successfully completed its first suborbital test of a prototype reusable space vehicle that can land like an airplane - **China continues to add additional milestones in its quest to match US and Russia space capabilities**

QUOTE OF THE WEEK

"This marks another step closer to a more widely available and safe flying car"

He Xiaopeng, Chairman and CEO, XPeng
