

WEEKLY REWIND

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

ADVANCED AIR MOBILITY

- Brazilian airline Azul announced a strategic partnership with Lilium to launch AAM services in Brazil with a non-firm order for 220 aircraft - **Lilium planned to use partners to expand in some markets and Brazil is a perfect starting point due to the lack of extensive transportation options between the country's main cities**
- Lilium has resumed its flight tests with the updated five-seat prototype - **The company believes that due to the aerodynamic and propulsive similarity with the seven-seater certification aircraft, the flight test data will be crucial to meet the certification targets**
- Supported by investors' belief in the AAM cargo market, Elroy Air completed a \$40 million Series A funding round, including investors like Lockheed Martin Ventures - **Elroy is emerging as one of the leading cargo AAM companies and the investment from a company like Lockheed Martin is a validation of their concept and approach**
- Bell unveiled three design concepts for new military aircraft based on its High-Speed Vertical Take-Off and Landing (HSVTOL) technology, blending the hover capability of a helicopter with the speed, range and survivability of a fighter aircraft - **Bell proposal for the AFWERX challenge fits within the future mission needs of enhanced runway independence, aircraft survivability, mission flexibility and enhanced performance, derived from the new Pacific-theater DoD doctrine**
- DHL Express announced a firm order for 12 Eviation Alice eCargo, sporting the newly updated configuration, meant to serve operations in the US Southeast and West Coast - **DHL believes the aircraft will be more cost-effective for some feeder routes in its network due to the reduced investment in ground infrastructure**

THE REST OF AEROSPACE

- Brazilian carrier Gol Linhas Aereas is going to refresh its fleet, replacing its 23 Boeing 737-800 NG narrowbodies with 28 new 737 Max 8 - **This is good news for the Max that has finally began attracting again airlines' interest**
- Boeing has sent a 737 Max airliner to China to begin validation trials aimed at clearing the narrowbody to return to commercial operations in the country - **The return of the Max to flight in China is important for Boeing as it will allow the company to increase monthly production rates for the aircraft from 16 to 31 in early 2022**
- Aerospace startup Hermeus has signed a \$60 million partnership agreement with the US Air Force to flight test its Quarterhorse unmanned small-sized vehicle by the end of 2022, validating the aircraft turbine-based combined cycle (TBBC) engine at speeds between Mach 3 and Mach 5 - **This is the first stepping stone towards a midsized vehicle that will be used for flight testing for cargo purposes around 2025, followed by the planned 20-seater targeted for FAA certification in 2029**

QUOTE OF THE WEEK

“With Alice's range and capacity, this is a fantastic sustainable solution for our global network. Our aspiration is to make a substantial contribution in reducing our carbon footprint”

Travis Cobb, EVP Global Network Operations and Aviation,

DHL Express