

WEEKLY REWIND

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

ADVANCED AIR MOBILITY

- Vertical Aerospace announced a collaboration with the London Heathrow airport to study how their eVTOL could operate in the existing airport environment - **Operating out of the largest and busiest of the UK airports is a needed step to make AAM successful in the country**
- Airflow, one of the two AAM eSTOL developers, signed an MOU to integrate the Honeywell IntuVue RDR-84K detect-and-avoid radar system in their eSTOL - **This partnership could lead to additional Honeywell AAM products finding their way on Airflow's eSTOL, especially flight controls**
- Several airports in Italy and France have partnered to create Urban Blue, a company that will build and manage air taxi infrastructure; the newly formed company also partnered with Volocopter with the goal to start service in Rome, Venice and Nice in 2024 - **Infrastructure is a critical but lagging part of the AAM ecosystem and this announcement puts Italy and France at the forefront of establishing commercial operations**
- Vertical Aerospace announced \$205 million in additional funding split between an additional \$5 million by Kouros SA in the PIPE and \$200 million by Mudrick Capital Management, LP in convertible senior secured notes - **The additional funding makes sure that, irrespective of the amount of redemptions at SPAC closing, Vertical will have the funding needed to certify their eVTOL in cooperation with its supply chain partners**
- Chinese eVTOL developer Autoflight completed the first flight of their V1500M four-passenger aircraft - **The first flight marks the beginning of the test campaign for this autonomous aircraft that will be certified under the upcoming eVTOL CAAC regulations**
- Lilium announced the addition of Stuttgart to its German network, a hub for AAM in southern Germany - **Lilium continues to add cities to its German network, after signing Cologne, Düsseldorf, Munich and Nuremberg**
- Vertical Aerospace announced plans to cooperate with Ferrovial on creating a network of 25 vertiports across the UK - **The infrastructure part of the AAM ecosystem is catching up to vehicle development and all the recent announcements in this area bode well for the start of commercial operations in the coming years**
- The US Air Force is gearing up to operate up to 30 eVTOL vehicles in logistics and other potential missions by 2023 - **Within the scope of the Agility Prime program, the Air Force is positioning to be one of the first eVTOL customers and operators**

THE REST OF AEROSPACE

- Pictures and a video of the two-seater Chengdu Aerospace Corporation J-20 fighter have emerged on Chinese social media - **This new J-20 variant would be the world's first two-seater 5th gen fighter, possibly optimized for loyal wingman drone control**
- The US Navy unveiled their vision for their 6th gen fighter, a longer-range, faster and improved sensors platform to replace the F/A-18E/F Super Hornet in the 2030s - **The US Navy, like the Air Force, sees new this aircraft equipped with long range weapons and a manned - unmanned aircraft pairing as a way to increase its reach and stand-off range capabilities**

QUOTE OF THE WEEK

“Creating the right infrastructure for zero emissions aviation is a critical part in making Urban Air Mobility a reality.”

Stephen Fitzpatrick, CEO and Founder, Vertical Aerospace
