EVE COMPLETES DEVELOPMENT OF ITS URBAN AIR TRAFFIC MANAGEMENT PROTOTYPE

News / Business aviation, Manufacturer

Eve completed its Urban ATM prototype. The prototype focuses on concepts and services essential to supporting the introduction and scalability of Urban Air Mobility operations. Eve is now initiating the commercial product development of Urban ATM solutions to ensure UAM's airspace integration is successful. The Urban ATM prototype was initially tested during Eve's Chicago Simulation Experience last fall to support the validation of foundational Urban ATM concepts and the integration of UAM into the ecosystem.

The simulation, which used helicopters as a substitute for eVTOLs, performed tests of Urban ATM technology in combination with simulating ground services, infrastructure and equipment requirements, and vehicle and passenger journeys. The simulation provided essential feedback for Eve to advance the development of its commercial Urban ATM solutions through which customers will be able to enjoy tailored traffic management services that meet their needs and achieve efficient operations and resource optimizations.

© 2015-2026 50SKYSHADES.COM — Reproduction, copying, or redistribution for commercial purposes is prohibited.

Andre Stein, co-CEO of Eve, commented: “Advanced Air Mobility have the potential to unlock significant new transportation options and economic opportunities for society. Eve recognizes that these developments need to be reviewed for safety and unification with the current airspace ecosystem to avoid potential logistical challenges. By offering comprehensive solutions, our Urban ATM technology will provide critical traffic management services which will be essential to address these concerns. Eve’s Urban ATM will play a key role in enabling the global UAM market to scale and has a customer-centric design to address future operations’ pain points.”

Eve is engaging with Atech, Embraer’s Air Traffic Control technology and system integrator company, to support the development of the Urban ATM software solution. Eve will leverage Atech’s experience in developing aviation-grade products from the ATM systems in Brazil. To enable product adoption, Eve is leveraging partnerships with key organizations to share knowledge and multiple strengths that will empower stakeholders. The partnerships established thus far include Halo Aviation, BLADE India, Skyway, Bluenest, Volatus and Ferrovial. Eve has been conducting advisory groups with these partners to ensure that its software development aligns with their needs and will maximize the potential value of Urban ATM to their operations.

The company is also continuing to collaborate with regulators, air navigation service providers, fleet operators, vertiport developers, airports and other UAM ecosystems stakeholders across the Americas, Europe and Asia Pacific to advance concepts and begin developing technology to support the initial operation and scaling of UAM operations from an ATM perspective.

26 MAY 2023

ARTICLE LINK:
https://50skyshades.com/index.php/news/business-aviation/eve-completes-development-of-its-urban-air-traffic-management-prototype

© 2015-2026 50SKYSHADES.COM — Reproduction, copying, or redistribution for commercial purposes is prohibited.