

ASX Announcement

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## **Elsight Design win Partner Airobotics OPTIMUS 1-EX DRONE Receives Historic U.S. FAA Type Certification, Paving Way for Security and Data Capture Innovation for Commercial Drones**

### **Key Highlights:**

- **After a challenging 4-years long certification process, the Halo enabled Airobotics Optimus-1EX drone is the FIRST and only non-air carrier drone for autonomous security and data capture that has been granted Type Certification by the US Federal Aviation Administration (FAA)**
- **Type Certification, recognized as the highest echelon of Airworthiness Certification, will allow for drone fleet deployments across American cities and urban zones for critical functions such as Public Safety and other vital services.**
- **The Associate Administrator for Aviation Safety with the FAA has announced the Type Certificate award during a keynote address at the Commercial UAV Expo held in Las Vegas where Elsight management were in attendance.**

**Elsight Limited (ASX: ELS) ('Elsight Ltd, 'Elsight' or 'the Company')**, the recognised industry leader in drone connectivity solutions, is proud to announce that the U.S. Federal Aviation Administration (FAA) has granted the Halo enabled Airobotics Optimus-1EX system a Type Certificate, that will allow flight operations over people and infrastructure without the need for case-by-case waivers. The certification verifies the compliance of the system's design with the required FAA airworthiness and noise standards, ensuring safe operation within the National Airspace System (NAS) thereby significantly broadening the range of operational scenarios and scaling up operations for automated Uncrewed Aircrafts (UAs). David Boulter, the FAA's Associate Administrator for Aviation Safety, announced yesterday the Type Certificate award during his keynote address Wednesday morning at the Commercial UAV Expo being held in Las Vegas with Elsight management in the audience.

The first-of-its-kind certification was achieved after four years of intensive engineering and operational review processes conducted by the FAA. The Optimus System is already operating regularly in urban environments in the United Arab Emirates (UAE) and with the Type Certificate, Airobotics with its parent company Ondas aims to operate the Optimus System in urban environments across the U.S. aligning with the Company's vision of deploying fleets of Optimus systems as a permanent drone infrastructure. This infrastructure aims to provide Smart City solutions, enhance Public Safety, enable Drones as First Responder (DFR) capabilities, and offer various commercial and industrial aerial data services.

"After a long profound process done with the FAA and many of our partners, we are thrilled to announce that our OPTIMUS 1-EX drone has met all of the specific airworthiness and noise standards set by the FAA," said Meir Kliner, CEO of Airobotics. "Elsight, one of our long-term technological partners that provides us with the essential connection confidence required to achieve such a major milestone, played a great role as a close partner who supports our needs and requirements. Elsight Halo is the only communication solution that provides us with the reliability we need to perform safe and secure BVLOS operations".

Type Certificates (TC) hold significant importance and value in the aviation industry, being a mandatory prerequisite for all manned aircraft. The TC process is designed to ensure that the certified aircraft and components meet specific airworthiness standards set by the regulatory authority. Since the FAA began offering TC for Uncrewed Aerial Systems (UAS) in 2019, many drone companies have initiated this process. Airobotics, focused on data capturing in urban environments, stands as the **first to achieve** it among numerous companies pursuing a TC for these applications with the FAA. The Optimus System ranks among the most mature automated drone platforms in the market in terms of proven reliability, safety, and value. Ondas believes the TC presents a game-changing solution for local governments and commercial entities seeking to streamline aerial data capture in American cities.

“We warmly congratulate Airobotics for this achievement” Said Yoav Amitai, Elsieht CEO. “This is a major step forward for the drone industry in general. Completing the long-complicated process to achieve the first non-air carrier drone Type Certification by the FAA shows that the regulators are coming to the position that drones are a part of the future. We are proud that Airobotics’ has chosen the Elsieht Halo as their connectivity solution, their completion of the Type Certification with the Halo onboard is a vote of confidence in Elsieht and in the Halo and we expect many more to come.”

Authorised for release by the Board of Directors of Elsieht Limited.

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**For more information, please contact:**

**Corporate & Business Enquiries**

Howard Digby

**Elsieht Limited**

T: +61 434 987 750

E: [howarddigby@elsieht.com](mailto:howarddigby@elsieht.com)

**Media Enquiries**

Sid Maher

**éthica Capital**

M: +61 401 704 384

E: [Sid.maher@colelawson.com.au](mailto:Sid.maher@colelawson.com.au)

**About Elsieht**

**Elsieht (ASX:ELS)** ([www.elsieht.com](http://www.elsieht.com)) Elsieht delivers Absolute Connection with 24/7 Confidence. Our proprietary bonding technology incorporates both software and hardware elements to deliver extremely reliable, secure, high bandwidth, real-time connectivity - even in the most challenging areas for stationary, portable, or actively mobile situational requirements.