



Aeva Selected by World's Largest Commercial Aircraft Manufacturer

May 19, 2025

Aeva 4D LiDAR Technology Enables Automatic Taxiing at Airports On Board Airbus UpNext Optimate Project

MOUNTAIN VIEW, Calif.--(BUSINESS WIRE)--May 19, 2025-- [Aeva](#)[®] (Nasdaq: AEVA), a leader in next-generation sensing and perception systems, today announced that it has been selected by Airbus UpNext, a wholly-owned Airbus subsidiary created to explore innovative technologies, to supply its cutting-edge 4D LiDAR technology for the Optimate smart automation demonstrator.

Aeva's unique 4D LiDAR technology uses Frequency Modulated Continuous Wave (FMCW) sensing to simultaneously detect precise distance and velocity for each point in a scene — a major advancement over traditional LiDAR systems. Its ability to deliver high-resolution data at long ranges of up to 500 meters makes it ideally suited for the complex and dynamic environments of airports, including runways and taxiways.

Optimate is an innovative project that aims to assist pilots in their mission and to support their decision-making. In this frame, several sensor technologies including multiple Aeva 4D LIDAR are tested on an Airbus A350-1000 flight test aircraft and on an electrical truck during hundreds of hours in taxi operation at Toulouse-Blagnac airport and a more complex international airport.

"Airbus has a proven history of innovation and introducing next-generation technologies to the air transportation industry at scale," said Soroush Salehian, Co-founder and CEO at Aeva. "This collaboration is a tremendous opportunity to showcase the transformative potential of Aeva's 4D LiDAR technology in the aviation industry. We're excited to support the Optimate team in their smart automation technologies exploration."

About Aeva Technologies, Inc. (Nasdaq: AEVA)

Aeva's mission is to bring the next wave of perception to a broad range of applications from automated driving to industrial robotics, consumer electronics, consumer health, security and beyond. Aeva is transforming autonomy with its groundbreaking sensing and perception technology that integrates all key LiDAR components onto a silicon photonics chip in a compact module. Aeva 4D LiDAR sensors uniquely detect instant velocity in addition to 3D position, allowing autonomous devices like vehicles and robots to make more intelligent and safe decisions. For more information, visit www.aeva.com, or connect with us on [X](#) or [LinkedIn](#).

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Forward looking statements

This press release contains certain forward-looking statements within the meaning of the federal securities laws. Forward-looking statements generally are identified by the words "believe," "project," "expect," "anticipate," "estimate," "intend," "strategy," "future," "opportunity," "plan," "may," "should," "will," "would," "will be," "will continue," "will likely result," and similar expressions. These forward-looking statements include, but are not limited to expectations about our product features, performance and our relationship with Airbus UpNext. Forward-looking statements are predictions, projections and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. Many factors could cause actual future events to differ materially from the forward-looking statements in this press release, including, but not limited to: (i) the fact that Aeva is an early stage company with a history of operating losses and may never achieve profitability, (ii) Aeva's limited operating history, (iii) the ability to implement business plans, forecasts, and other expectations and to identify and realize additional opportunities, (iv) the ability for Aeva to have its products selected for inclusion in OEM products and (v) other material risks and other important factors that could affect our financial results. Please refer to our filings with the SEC, including our most recent Form 10-Q and Form 10-K. These filings identify and address other important risks and uncertainties that could cause actual events and results to differ materially from those contained in the forward-looking statements. Forward-looking statements speak only as of the date they are made. Readers are cautioned not to put undue reliance on forward-looking statements, and Aeva assumes no obligation and does not intend to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise. Aeva does not give any assurance that it will achieve its expectations.

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