

June 29, 2022



Astronics Selected for Lilium Jet's Electrical Power Distribution System

To collaborate with Lilium N.V. on critical subsystem of Lilium Jet's Energy Management System

EAST AURORA, N.Y.--(BUSINESS WIRE)-- [Astronics Corporation](#) (Nasdaq: ATRO), a leading provider of advanced technologies for global aerospace, defense and other mission critical industries, today announced that it has been selected by [Lilium N.V.](#) to design, develop, and build the Lilium Jet's electrical power distribution system.

Power distribution units play a critical role within the Lilium Jet's innovative energy management system. Astronics will be responsible for the secondary power distribution units (SPDUs) and charging power distribution units (CPDUs).

[Lilium Jets](#) will each be equipped with two SPDUs and one CPDU. SPDUs are responsible for high voltage (1000 VDC) to low voltage (28 VDC) conversion and for low voltage distribution and protection. Compact and light weight, the SPDUs ensure a reliable supply of power from the batteries to the aircraft's critical systems, including flight controls, avionics, navigation, communication, sensors, internal and external lights, and passenger comfort.

The CPDU manages the battery charging operation, as well as providing additional and dissimilar sources for high voltage to low voltage power conversion and low voltage power distribution, which minimizes common-cause failure modes between the CPDU and SPDU. It also provides an additional layer of aircraft safety by monitoring insulation and detecting and reporting short circuit risks across the system.

Jon Neal, President of Astronics Advanced Electronic Systems, said, "Astronics is thrilled to announce Lilium as a launch customer for our [CorePower® high voltage products designed for the More Electric Aircraft](#) and eVTOL platforms. This partnership demonstrates the flexibility of our products and our close collaboration with our customers. Astronics is excited to join Lilium in being a part of the evolution of aviation moving towards cleaner, more sustainable, and accessible modes of transportation."

Martin Schuebel, Senior Vice President Procurement at Lilium, said: "Astronics is our ideal partner for this very important component of our aircraft. It is our intention to collaborate with the best aerospace suppliers and leverage their expertise. Astronics' expertise is unique, and their collaborative approach makes them a perfect match for us. The partnership will also help pave the way for the coming industrial ramp-up."

The supplier agreement follows over a year of collaborative work between the two companies and marks a further key milestone in the industrialization of the Lilium Jet.

Astronics is a leading Tier One aerospace suppliers in its field, providing innovative power,

lighting, and connectivity solutions for aircraft including major commercial aircraft OEMs. Astronics also offers complete design, integration, and certification services. The Company leads many industry working groups in its field and is a leader for high voltage power distribution in aviation.

About Astronics Corporation

Astronics Corporation (Nasdaq: ATRO) serves the world's aerospace, defense, and other mission critical industries with proven, innovative technology solutions. Astronics works side-by-side with customers, integrating its array of power, connectivity, lighting, structures, interiors, and test technologies to solve complex challenges. For over 50 years, Astronics has delivered creative, customer-focused solutions with exceptional responsiveness. Today, global airframe manufacturers, airlines, militaries, completion centers and Fortune 500 companies rely on the collaborative spirit and innovation of Astronics. The Company's strategy is to increase its value by developing technologies and capabilities that provide innovative solutions to its targeted markets.

For more information on Astronics and its solutions, visit [Astronics.com](https://www.astronics.com).

About Lilium

Lilium (NASDAQ: LILM) is creating a sustainable and accessible mode of high-speed, regional transportation for people and goods. Using the Lilium Jet, an all-electric vertical take-off and landing jet, offering leading capacity, low noise and high performance with zero operating emissions, Lilium is accelerating the decarbonization of air travel. Working with aerospace, technology and infrastructure leaders, and with planned launch networks announced in Germany, the United States and Brazil, Lilium's 800+ strong team includes approximately 450 aerospace engineers and a leadership team responsible for delivering some of the most successful aircraft in aviation history. Founded in 2015, Lilium's headquarters and manufacturing facilities are in Munich, Germany, with teams based across Europe and the U.S. To learn more, visit www.lilium.com.

Safe Harbor Statement

This news release contains forward-looking statements as defined by the Securities Exchange Act of 1934. One can identify these forward-looking statements by the use of the words "expect," "anticipate," "plan," "may," "will," "estimate" or other similar expressions and include all statements with regard to the success of collaboration with partners on the development of new products, and the outcome of demand streams or expectations of demand by customers and markets. Because such statements apply to future events, they are subject to risks and uncertainties that could cause actual results to differ materially from those contemplated by the statements. Important factors that could cause actual results to differ materially from what may be stated here include the impact of the global outbreak of COVID-19 and governmental and other actions taken in response, trend in growth with passenger power and connectivity on airplanes, the state of the aerospace and defense industries, the market acceptance of newly developed products, internal production capabilities, the timing of orders received, the status of customer certification processes and delivery schedules, the demand for and market acceptance of new or existing aircraft which contain the Company's products, the need for new and advanced test and simulation equipment, customer preferences and relationships, and other factors which are described in

filings by Astronics with the Securities and Exchange Commission. The Company assumes no obligation to update forward-looking information in this news release whether to reflect changed assumptions, the occurrence of unanticipated events or changes in future operating results, financial conditions or prospects, or otherwise.

View source version on businesswire.com:

<https://www.businesswire.com/news/home/20220628006174/en/>

For more information:

Astronics:

Jon Neal, President, Astronics AES

Phone: (425) 339-8201

Email: jon.neal@astronics.com

ATRO Investor Relations:

Deborah K. Pawlowski, Kei Advisors LLC

Phone: (716) 843-3908

Email: dpawlowski@keiadvisors.com

Media contact for Liliium:

Meredith Bell, Liliium

Phone: +41 794325779

Email: Meredith.bell@liliium.com

Source: Astronics Corporation