

For Immediate Release

Astronics to Provide Advanced Frequency Converter for NASA-Boeing X-66 Demonstrator Aircraft

EAST AURORA, NY, April 3, 2025 – [Astronics Corporation](#) (Nasdaq: ATRO), a leading supplier of advanced technologies and products to the global aerospace, defense, and other mission-critical industries, announced today it has been selected to provide the Frequency Converter Unit (FCU) for the NASA and Boeing Transonic Truss-Braced Wing (TTBW) X-66 aircraft demonstrator. In addition to designing the FCU, Astronics will collaborate closely with project stakeholders to support ground and flight tests, slated to start in 2028.

The FCU changes the output of the newly adapted 115VAC, 3-phase Variable Frequency Generator to 115VAC, 3-phase, constant frequency (400 Hz) for the aircraft's main power buses. This capability enables the use of legacy onboard systems and loads that are qualified to 400Hz constant frequency power.

"Built on Astronics' proven technology platform, the Frequency Converter Unit offers unparalleled efficiency and reliability, tailored to meet the unique demands of this groundbreaking aviation project. Being part of this collaboration with Boeing and NASA is an honor. We believe our advanced frequency conversion technology will play a critical role in the successful testing and operation of the X-66 demonstrator, helping to advance the goal of more sustainable aviation," said Jon Neal, President of Astronics AES.

Astronics is a long-term supplier of electrical power system products to Boeing in both the commercial and defense markets. The TTBW program marks a significant milestone in the aviation industry's pursuit of sustainability, highlighting innovative technologies that support the industry's goal of achieving net-zero emissions by 2050.

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, military branches, 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).

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," "feeling" or other similar expressions and include all statements with regard to achieving any revenue or profitability expectations, aircraft production

rates, the effectiveness on profitability of cost reduction efforts, the level of liquidity and its sufficiency to meet current needs, the level of cash generation, the level 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 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 impact of regulatory activity and public scrutiny on production rates of a major U.S. aircraft manufacturer, the need for new and advanced test and simulation equipment, customer preferences and relationships, the effectiveness of the Company's supply chain, and other factors which are described in filings by Astronics with the Securities and Exchange Commission. Except as required by applicable law, 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.

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