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XTI Aerospace Provides TriFan Fuel System Design Update

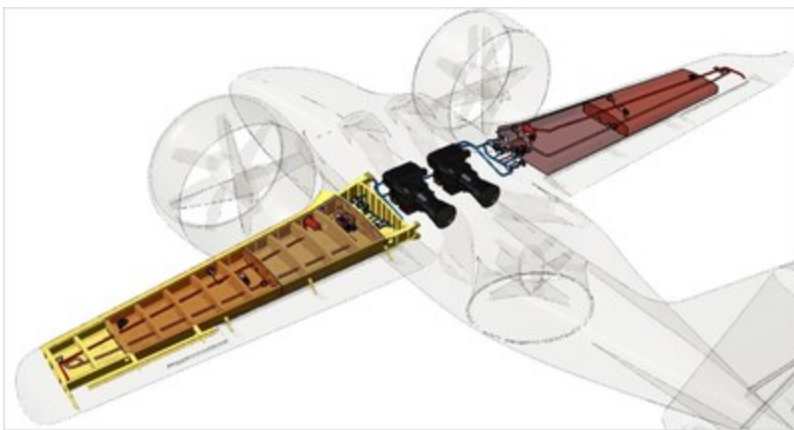
Completion of New Fuel System Design Meets a Key Product and Engineering Q1 Milestone

ENGLEWOOD, Colo., March 26, 2025 /PRNewswire/ -- [XTI Aerospace, Inc.](#) (NASDAQ: XTIA), a pioneer in VTOL and powered-lift aircraft solutions, today announced the successful update of its fuel system design, achieving a key 2025 first quarter product and engineering milestone announced in a prior press release. The updated fuel system design significantly increases the fuel volume in the wings from approximately 300 gallons to 400 gallons while minimizing unusable fuel in the system.

"The TriFan 600 continues to mature in its design, and in the case of the fuel system we expect to exceed our performance criteria target," said Dave Ambrose, VP of Engineering at XTI Aircraft. "We believe this latest fuel system design will significantly improve the maximum range and endurance of the vehicle."

"Our engineering team continues to innovate while remaining laser-focused on our customers' missions," said Scott Pomeroy, Chairman and CEO of XTI Aerospace. "We believe the new fuel system is designed to improve the range of the TriFan 600 aircraft and to exceed our previous design. We will be updating our publicly stated performance benchmarks in the coming weeks."

Figure 1 provides an overview of the TriFan 600 fuel system design.



In a previous market update, XTI outlined six core product and engineering milestones for Q1, listed below, beginning with the downwash/outwash study and leading up to the launch of the "Sparrow" subscale working model in early Q2.

Completed:

- Downwash / Outwash Study – Analyze airflows generated by the aircraft during vertical

takeoff and landing to evaluate safety and performance

- Type Certification Application – Formally apply to the FAA for type certification of the TriFan 600
- Engine Air Inlets and Exhaust – Optimize air intake and exhaust design to enhance performance and efficiency of the propulsion system
- Fuel System Design – Optimize fuel system design to reduce unusable fuel and increase fuel capacity

To be Completed:

- Flight Deck Mockup Design – Develop a flight deck human factors mockup to design and evaluate and optimize ergonomics, pilot controls, and vision polar
- Global Finite Element Model (GFEM) of the latest configuration – Update the comprehensive structural model to evaluate and optimize the aircraft's strength and load paths under various loading conditions

About XTI Aerospace, Inc.

XTI Aerospace (XTIAerospace.com) (Nasdaq: XTIA) is the parent company of XTI Aircraft Company, an aviation business based near Denver, Colorado, currently developing the TriFan 600, a fixed-wing business aircraft designed to have the vertical takeoff and landing (VTOL) capability of a helicopter, speeds of 345 mph and a range of 700 miles, creating an entirely new category – the vertical lift crossover airplane (VLCA). Additionally, the Inpixon (inpixon.com) business unit of XTI Aerospace is a leader in real-time location systems (RTLS) technology with customers around the world who use the Company's location intelligence solutions in factories and other industrial facilities to help optimize operations, increase productivity, and enhance safety. For more information about XTI Aerospace, please visit XTIAerospace.com and HangerXStudios.com (aviation innovation podcast), and follow the company on [LinkedIn](#), [Instagram](#), [X](#), and [YouTube](#).

Cautionary Statement Regarding Forward-Looking Statements

This press release contains certain "forward-looking statements" within the meaning of the United States Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act, and Section 21E of the Exchange Act. All statements other than statements of historical fact contained in this press release, including without limitation, statements about the products under development by XTI, the advantages of XTI's technology, and XTI's customers, plans and strategies are forward-looking statements.

Some of these forward-looking statements can be identified by the use of forward-looking words, including "believe," "continue," "could," "would," "will," "estimate," "expect," "intend," "plan," "target," "projects," or the negatives of these terms or variations of them or similar expressions. All forward-looking statements are subject to risks, uncertainties, and other factors which could cause actual results to differ materially from those expressed or implied by such forward-looking statements. All forward-looking statements are based upon estimates, forecasts, and assumptions that, while considered reasonable by XTI Aerospace and its management, are inherently uncertain, and many factors may cause the actual results to differ materially from current expectations. XTI undertakes no obligation to revise any forward-looking statements in order to reflect events or circumstances that might subsequently arise. Readers are urged to carefully review and consider the risk factors

discussed from time to time in XTI's filings with the SEC, including those factors discussed under the caption "Risk Factors" in its most recent annual report on Form 10-K, filed with the SEC on April 16, 2024, and in subsequent reports filed with or furnished to the SEC.

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