

LIGHTNINGSTRIKE

INNOVATION FOR
RUNWAY INDEPENDENCE



AMERICA'S FUTURE IN VERTICAL LIFT



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Product Overview

LightningStrike is the first aircraft in history designed to demonstrate the following:

- Hybrid electric distributed propulsion system
- Innovative synchronous electric-drive system
- Both tilt wing and canard for vertical take-off and landing
- High efficiency in both hover and high-speed forward flight

Program Background

- Created by Aurora Flight Sciences and partners Rolls-Royce and Honeywell
- Developed for the DARPA VTOL X-Plane program
- Funding from the Defense Advanced Research Projects Agency (DARPA)

Aurora Successfully Flies Subscale X-Plane Aircraft

- Aurora's subscale vehicle demonstrator was successfully flown at a U.S. military facility in March, achieving a critical program milestone
- The subscale aircraft weighs 325 pounds and is a 20% scale flight model of the full scale demonstrator Aurora will build for DARPA in the next 24 months.



Aurora Flight Sciences is a leader in the development and manufacturing of advanced unmanned systems and aerospace vehicles.

We are headquartered in Manassas, VA and operate production plants in Bridgeport, WV and Columbus, MS. Aurora also has Research and Development Centers in Cambridge, MA and Mountain View, CA.

9950 Wakeman Drive
Manassas, VA 20110
Phone: 703.369.3633

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Contact Information

Phone: 703.369.3633

BusinessDevelopment_Sales@aurora.aero



WWW.AURORA.AERO