

CPO 79 A2E Integration – AeroVironment

Project Summary

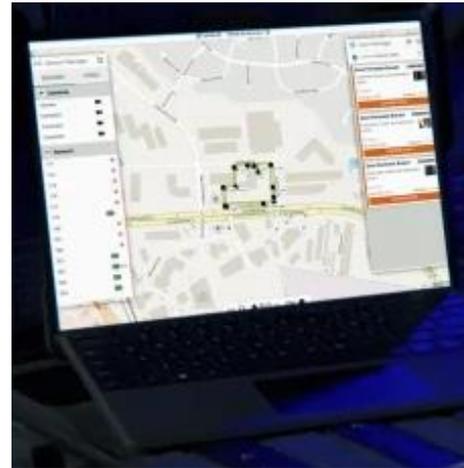
SOFWERX, in partnership with the United States Special Operations Command (USSOCOM), Special Operations Forces Acquisition, Technology, and Logistics (SOF AT&L), Program Executive Office-Fixed Wing (PEO-FW), selected three out of twenty-five companies participating in the Adaptive Airborne Enterprise (A2E) project to demonstrate unmanned airborne vehicle (UAV) payload capabilities using the FANTOM Core Autonomy framework and Software Developer Kit (SDK), and to provide comments and feedback on subsequent SDK releases throughout the project's duration.

Project Timeline

Project Kickoff:	23 June 2025
Final Demonstration:	21 August 2025
Project Closeout:	09 December 2025

Resources Consumed

Total Cost: \$255,000



Project Results

The project successfully integrated Scientific Systems Company's autonomy stack with the FANTOM Core software and associated SDK and completed a flight demonstration of the integrated application on a USSOCOM UAV at the Myakka Test Facility.

