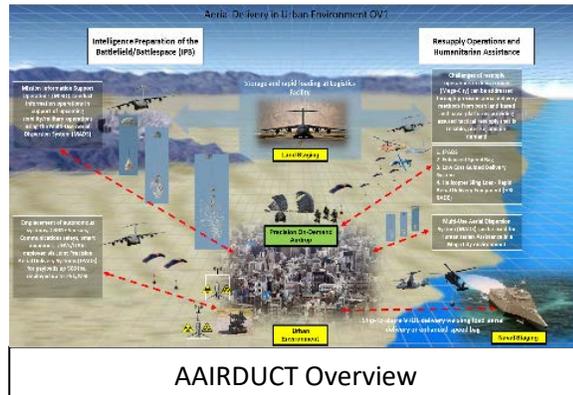




USTRANSCOM Science and Technology

Autonomous Aerial Insertion and Resupply into Dense, Urban, Complex Terrain (AAIRDUCT) JCTD

Project Summary: Provide the ability to autonomously insert sensors, munitions, unmanned ground vehicles (UGVs) and supplies, including medical, humanitarian and PSYOPs, into an urban environment with extreme precision from manned and/or unmanned fixed wing, rotary wing aircraft, watercraft and autonomous powered parafoils.



Benefit: Enables autonomous operations in urban terrain and allows for battlespace awareness and preparation through the autonomous aerial delivery of sensors, munitions, and unmanned ground vehicles from manned and unmanned vehicles.

Duration of project: FY18-FY21

Participants: Deputy Assistant Secretary of Defense/Emerging Capability & Prototype

Project advocacy (funding or otherwise): USCENTCOM & USTRANSCOM