



COUNTER UNMANNED AIRCRAFT SYSTEMS

LABORATORY INFORMATION FACT SHEET

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The DEVCOM AC Counter Unmanned Aircraft Systems (C-UAS) team supports the National Counter Terrorism Center (NCTC), Remote Controlled Manned Aircraft Working Group (RCMA WG) and other Counter UAS related Working Groups.

TECHNOLOGY/FACILITY DESCRIPTION:

The Counter UAS team collaborates with the Department of Homeland Security (DHS) and supports First Responders - New York Police Department (NYPD), Port Authority Police Department (PAPD) and New

Jersey State Police (NJSP). The team gathers informational requirements through site surveys, vulnerability assessments and scenario development. A UAS Threat Database is populated via technology assessment, integration and testing run at the UAS Threat Characterization Lab. The specialized team provides Subject Matter Expertise (SME) support, detailed analysis and a final report. As a result of the findings policies are set and approvals are made through the proper agencies (FAA, FCC). The DEVCOM AC team develops Interdiction Tactics, Techniques and Procedures (TTPs). DEVCOM AC has begun to develop baseline RF mapping for urban areas (Times Square, Flushing Meadows Park and other areas) to fully understand the complexity of detecting low power UAS control signals in an RF saturated environment.



EQUIPMENT AND EXPERTISE AVAILABLE:

- UAS RED Team
 - Survey Site/Test Planning
 - Scenario Development
 - Relevant Threat UAS assets
 - Test Instrumentation
- Evaluate Technologies
 - Test Execution
 - Data Collection
- UAS Threat Characterization Lab