

# DHS SCIENCE AND TECHNOLOGY

S&T/HSARPA/Air Cargo Program – Synergy with CBP requirements  
Presented at ADSA-CBP-01 Workshop, Northeastern University, Boston



**Homeland  
Security**

Science and Technology

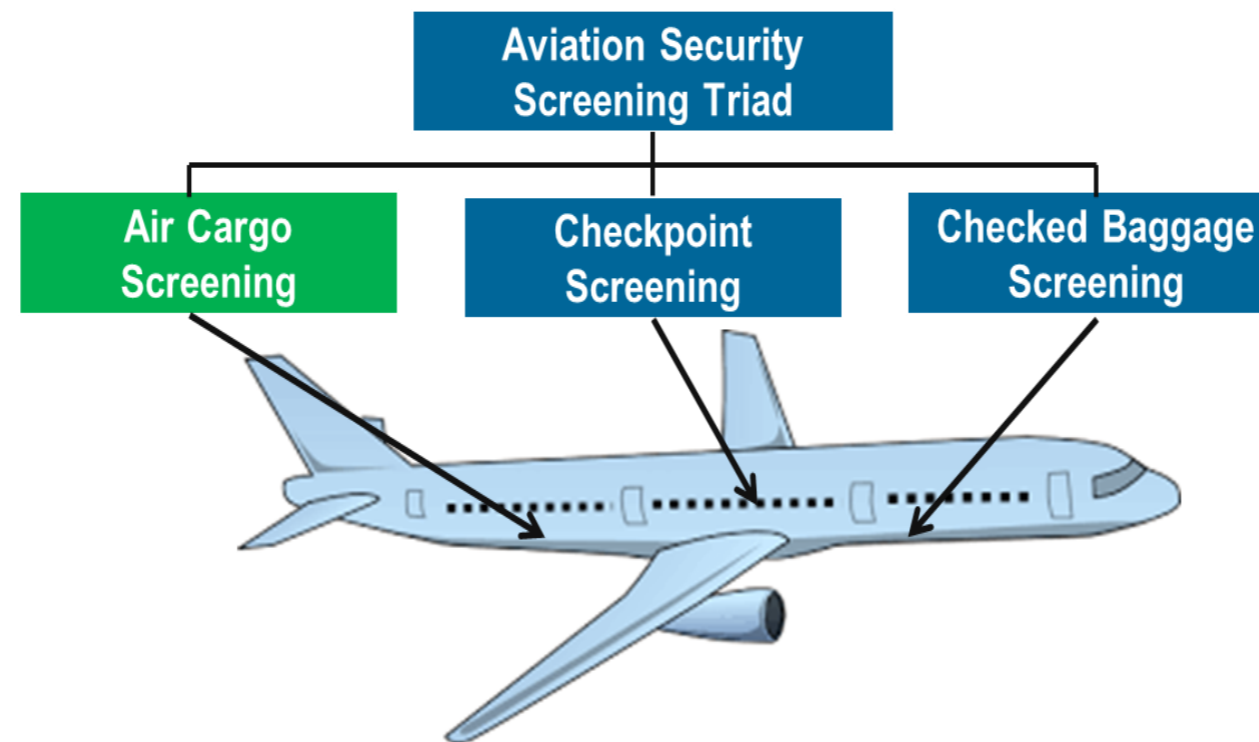
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# S&T Air Cargo Program

- Mandated by Congressional and Presidential Directives
  - Screening commensurate with checked baggage standards
- Part of the Aviation Security Triad



# S&T Air Cargo Program

- This is a broad, ongoing effort that seeks to address the current and evolving air cargo security and throughput needs of our stakeholders (TSA, commercial air carriers, freight forwarders, etc.)
- The Air Cargo Screening program is investing in a portfolio of next generation products for the cost effective screening of explosives in cargo skids
  - Low cost CT or CT-like systems for screening whole skids
  - Intelligent “Operator Assist” software tools to assist the operator in effective screening of complex commodities
  - High penetration screening systems for dense commodities
  - Alternate Technology for X-Ray resistant items
  - Studies involving propagation of explosive residue and vapor through skids
- Air Cargo screening technology applicable to the detection of other contraband such as opioids

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