

# eAviation & Drone Academy

*...Developing the New Aviation Workforce @KPVG*



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# Academy Mission / Vision

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- Mission – The Academy, by 2024, establishes a Drone & Electric Aviation Training Curriculum that meets industry workforce development needs:
  - At KPVG
  - Partners with industry, academia, and governmental stakeholders
  - Initiates 3 core focus areas (Drones, FBO Operations, Advancing Technologies)
  - Provides for significant regional expansion to support additional AAM capabilities, including testing and manufacturing skills
  - Supports on-site & virtual enrollments
- Vision – The Academy, by 2026, provides a KPVG vocational-focused workforce development service(s) and training location that supports emerging Virginia transportation employment demands, targeting industry innovation, capacity, and growth for Mid-Atlantic Region implementation of electric air & unmanned vehicle research, testing, training and manufacturing operations

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# Preparing for the Transforming Aviation Workforce

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- Provide the Hampton Roads Community a central, convenient location to conduct classroom and flight training for workforce development purposes focused on the demands on the emerging UAS and Electric Aviation market place
- Three Career Pathways
  - Unmanned Aviation
    - Prep for FAA Part 107 UAS Operator Exam
    - Specialized Training for Select Use Cases
  - FBO Operations
    - Efficient FBO Operations for Today's General Aviation Market
  - Electric and Hydrogen Aviation
    - Preparing the Labor Force for Aviation "Green Technologies"
- Support AAM Academic flight research from major universities, colleges, schools

# The Academy: Potential Strategic Partnerships

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- Academia
  - Example: ODU (VISA, VMASC, Batten College of Engineering)
  - Example: High Schools, Community Colleges
- UAS Manufacturers & Operators
  - Example: DroneUp, AAC, XWING, NEA, Uvision, RapidFlight, etc..
- Local:
  - Example: City / County First Responder Communities
- State:
  - Example: VIPC/DOAV (AAM Innovation Projects)
  - Example: VEMD (Emergency Management)
- Federal:
  - Space Act Agreement
    - Multi-Agency (NASA, Army Futures, KPVG, USI)
    - NASA BVLOS Experimentation, NextGen ROAM Command Center
    - Army Local UAS test and demonstration location... LOS thru BVLOS, small to large
    - A satellite extension of the Fort Eustis aviation developmental facility
    - Support for Advanced Teaming, Logistics UAS / Optionally Piloted

# eAviation & Drone Academy Training & R&D Support Services

- The Academy intends to accommodate customers that have expressed a desire to acquire UAS & Electric flight training services
- Includes potential support to Academia Institutions for AAM research
- KPVG provides corporate hangar buildings and associated site improvements located on the west side of the main entrance and terminal area
- The Main Entrance Westside Hangar Complex is planned for construction in 2024
- The apron rehabilitation project is for the apron to the south of the main terminal to support the new Main Entrance Westside Hangar Complex

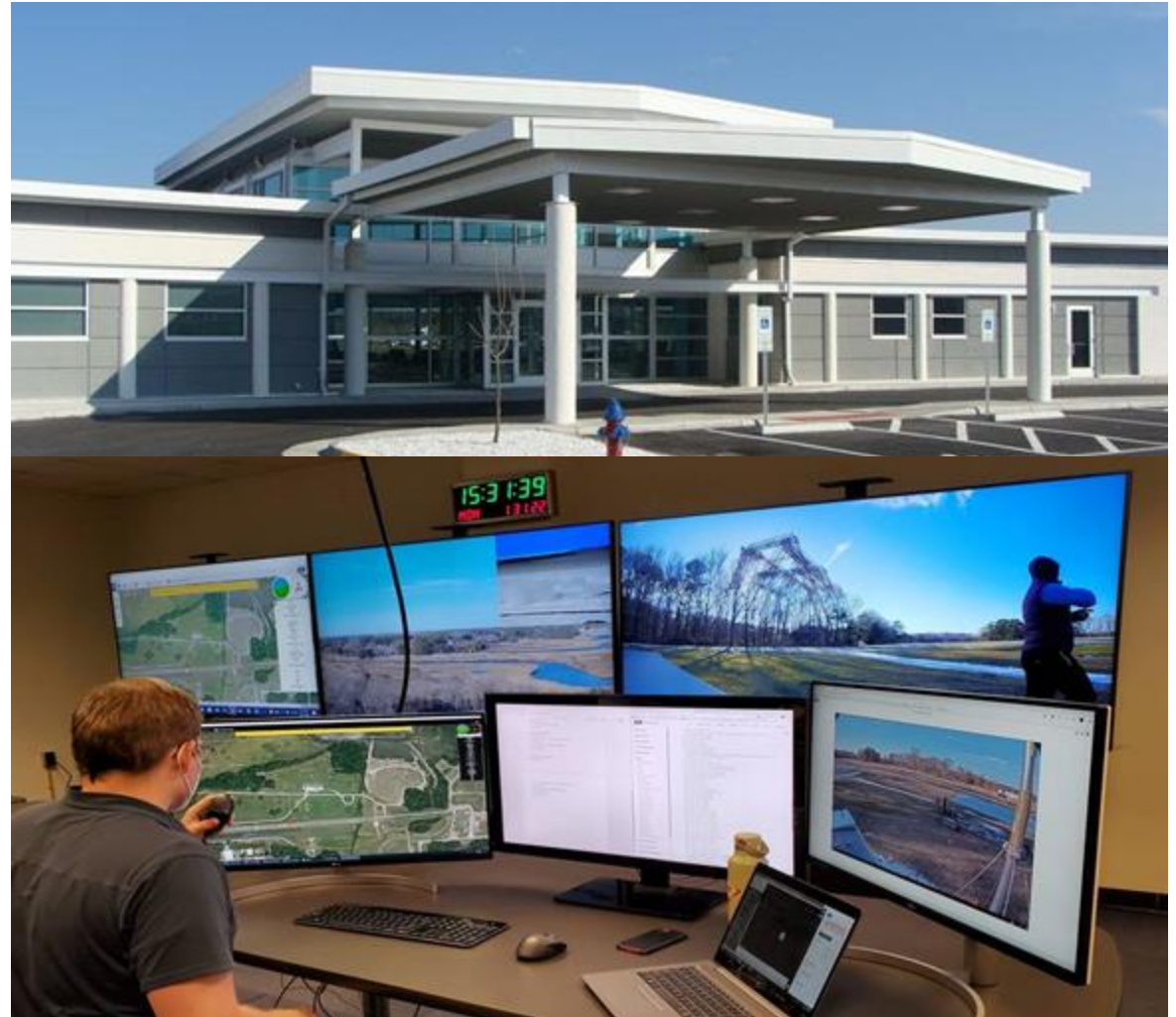


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# UAS / AAM BVLOS C2 Center

- Contemporary terminal building includes a state-of-art UAS / AAM BVLOS Range Control Center
  - Conference room(s)
  - Excellent air traffic view
  - Modern services for operators, developers, range control personnel
  - C2 control center adaptability
  - Mobile C2 system



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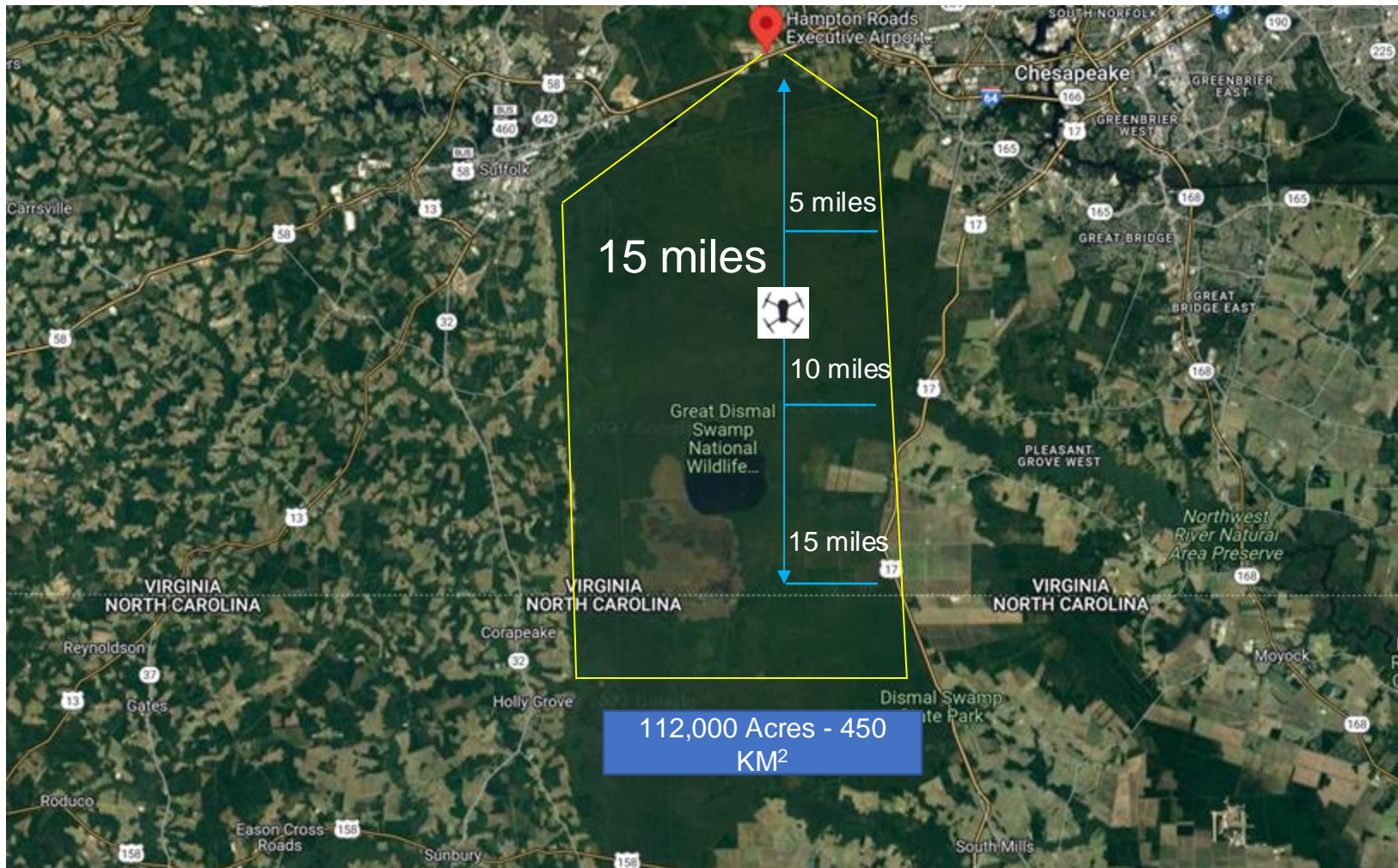
# KPVG – Aerial View



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# UAS LOS / Local BVLOS Range - South

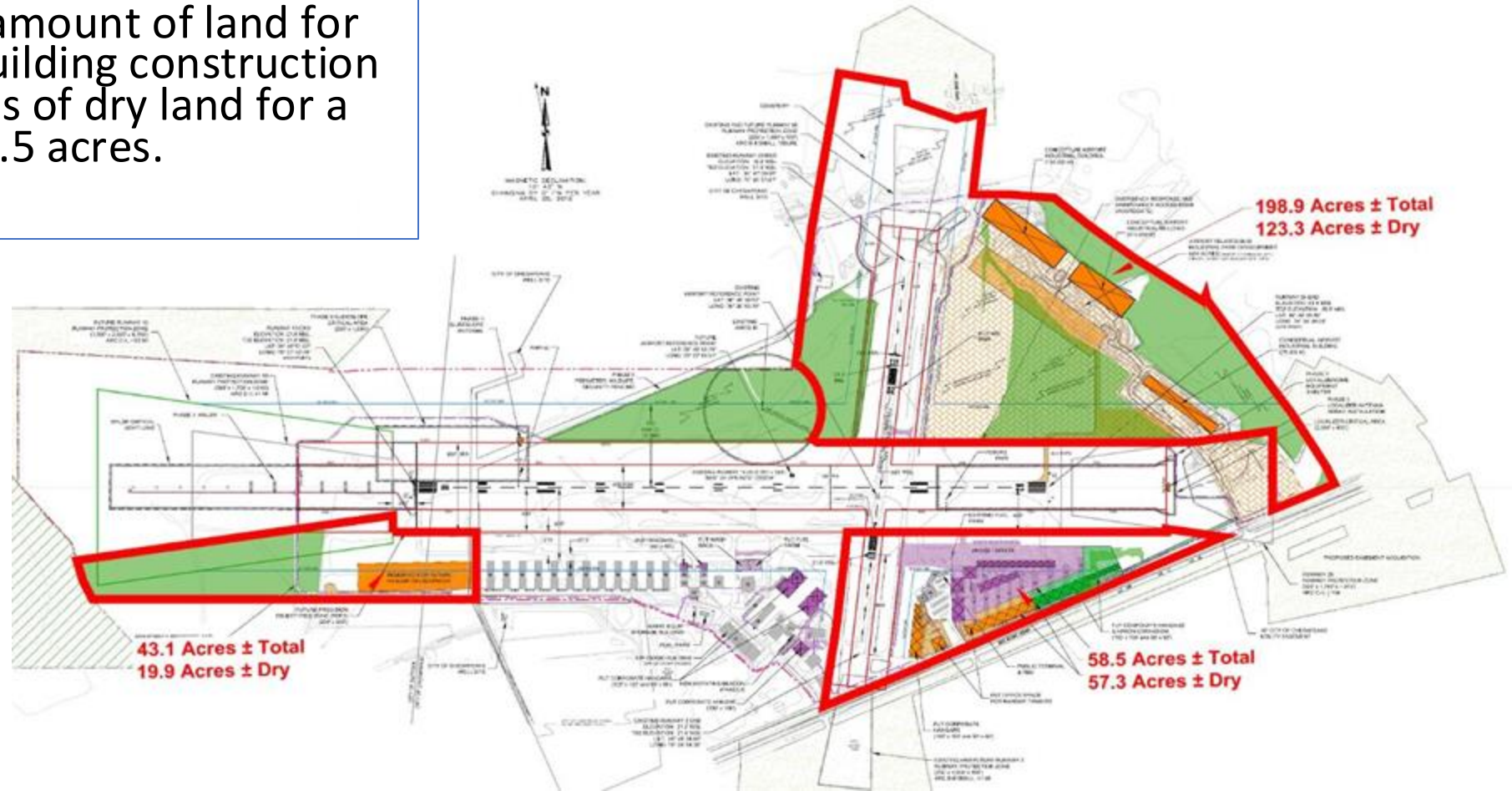


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# KPVG Real Estate

- Significant amount of land for potential building construction - 200.5 acres of dry land for a total of 300.5 acres.



# Proposed Aircraft / Airframe Manufacturing Site



# Questions & Discussion

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