Addendum

Ground Based Detect and Avoid (GBDAA)

- UAS platform research and development
- UAS flight testing
- UAS payload design and modification
- UAS autopilot development
- UAS Flight Control Software
- UAS ground station development
- Detect and Avoid research and development
- Sensor research and development
- Safety and Risk management

UAS Technology

- Energy Storage, Battery development
- Navigation, ADS-B
- Propulsion development (gas, electric, hybrid, fuel cell)
- Personal Air Vehicles (PAV), air taxi, package delivery
- Materials & Engineering
- Modelling and simulation tools: traffic & vehicle dynamics
- De-confliction & communication
- Noise reduction
- LIDAR & UAS advancements
- Radio Frequency analysis
- Cyber security

Infrastructure Needs

- Airports modernization plan for UAS and PAV
- Identify required airport upgrades
- UAS Traffic Management solutions (ATC)
- Capacity demand vs. landing zone supply
- Navigation hardware solutions

Regulations & Academic Programs

- FAA Regulations
- Privacy
- Policy and Law
- Workforce Development
- Curriculum development