

Certifications, Accreditations & Affiliations

FAA Certifications & Federal Authorizations

FAA Section 44807 Exemption (Heavy-Lift UAS Operations)

- Authorized to operate unmanned aircraft over 55 lbs (including payload)
- Approved for commercial agricultural aerial application services
- Aircraft approved under FAA Regulatory Docket FAA-2023-1271

Regulatory Relief Under 14 CFR *(as granted by FAA)*

- Exemptions from key sections of:
 - Part 61 (pilot certification & medical requirements)
 - Part 91 (general operating & maintenance rules)
 - Part 137 (agricultural aircraft operations)

Additional FAA Determinations & Operational Authority

- Approved for low-altitude, controlled-access operations
- Daytime operations without third-class medical certificate
- Night operations authorized with proper medical certification
- Approved use of identification lighting in lieu of position lights
- Authorized to operate UAS without traditional airworthiness certificates under §44807

Maintenance & Airworthiness Flexibility

- FAA-approved deviations from standard maintenance requirements
- Authorized to operate aircraft listed under FAA Approved Agricultural UAS List

State Licensing (Ohio)

- **Ohio Commercial Pesticide Applicator License**
 - Core Certification
 - Aerial Application Category
 - Aquatic Pest Control Category

Specialized Certifications

Phragmites Adaptive Management Framework (PAMF) Certified Participant

- Trained in data-driven, science-based invasive species management
- Participating in a Great Lakes-wide collaborative program to improve phragmites control outcomes
- Utilizing site-specific management strategies backed by real-world data

Affiliations & Partnerships

- Aqua Doc Lake & Pond Management
- GEI Consultants
- Sandusky County Engineer's Office
- Corteva Agriscience