

# HEIGHTENED SENSES

Uncrewed Aircraft Systems Consulting, Public Safety Support Services, Aerial and Ground Imaging,  
Inspection Support, Mapping and Modeling

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**Location:** Sneads Ferry, North Carolina

**Service Area:** North Carolina and deployable across the  
Southeast and Mid Atlantic

## Company Snapshot

Heightened Senses is a mission focused uncrewed systems and imaging provider supporting public safety, infrastructure, construction, real estate, and enterprise clients with actionable visual intelligence. We deliver professional grade aerial and ground-based photo and video, inspection support imagery, and photogrammetry-based models and maps for documentation, situational awareness, planning, and asset understanding.

We operate legally and conservatively within applicable federal, state, and local requirements. When a project touches regulated surveying or engineering determinations, we coordinate with the client’s licensed professionals and provide deliverables intended for visual documentation and measurement support, not boundary determination.

## Core Competencies

### Uncrewed Aerial Imaging and Data Collection

- RGB aerial photography and video for documentation, marketing, and operational awareness
- Night operations and low light collection for public safety and security support where authorized
- Repeatable capture for progress tracking and before and after documentation
- Rapid deployment imaging for storm impacts, insurance documentation, and incident support
- Public safety support tools include remote loudspeaker communications and scene illumination where authorized.

### Inspection Support Imagery

- Roof, facade, tower, utility, and structure inspection support imagery
- High resolution stills and controlled orbit and reveal video collection
- Close range imaging with safety first stand off and operational risk management
- Deliverables designed for review by facility managers, insurers, contractors, and engineers
- Low light inspection support and night operations where authorized, including illuminated search and perimeter assessment.

### Mapping and Modeling

- Orthomosaic style site maps and photogrammetry-based 3D models for visualization and planning
- Construction progress documentation and site condition reporting
- Asset documentation models for facilities, infrastructure, and historic preservation projects
- Ground based photography integration to improve model completeness and fidelity

## **UAS Consulting and Program Support**

- UAS program assessment, SOP development, training support, and mission planning
- Public safety and enterprise adoption support including equipment selection and workflows
- Risk management and compliance minded operating practices aligned to FAA requirements

## **Key Differentiators**

- Operational experience with repeatable, disciplined workflows
- Public safety and security mindset with clear communication and evidence-based deliverables
- Reduced risk inspection workflows using autonomous navigation and obstacle avoidance optimized for close in infrastructure operations.
- Multi platform access across inspection and mapping capable aircraft, reducing single point failure
- Professional imaging standards with both aerial and ground-based capture options
- Insured operations and client ready documentation practices

## **Platforms and Sensors**

### **Current Fleet Access**

- Inspection capable and mapping capable UAS platforms suitable for infrastructure, construction, and property documentation
- RTK capable mapping platform available for high accuracy workflows when the mission requires it
- Ground based camera systems for supporting imagery and model completion
- NDAA Compliant Skydio X10 with NightSense, integrated spotlight, and loudspeaker, on order and entering service soon.

### **Typical Outputs**

- High resolution photos, cinematic video, and structured deliverable folders
- Progress sets with consistent angles and repeatable framing
- Orthomosaic style maps and photogrammetry models for visualization and planning
- Optional overlays and callouts for client understanding, such as parcel context provided by the client or their licensed partners

### **Quality, Safety, and Compliance**

- FAA Part 107 Remote Pilot operations
- Mission planning, airspace checks, and documented risk decisions per job
- Client friendly deliverable structure and retention practices
- Important note: Heightened Senses does not present boundary surveys or surveying determinations unless working under the direction and stamp of a licensed surveyor or engineer retained by the client. Our mapping and modeling deliverables are intended for visualization, documentation, planning, and communication.

**Past Performance Highlights**

- Residential and commercial roof and exterior inspection support imagery
- Insurance style documentation for property condition and storm related impacts
- Photogrammetry models and orthomosaic deliverables for planning and documentation
- Public safety and training adjacent support with compliant operating practices

**NAICS and PSC**

- 541922 Commercial Photography
- 541690 Other Scientific and Technical Consulting Services
- 541330 Engineering Services support only when partnered with licensed professionals
- 611430 Professional and Management Development Training
- 561990 All Other Support Services
- R499 Other Professional Services
- R425 Engineering and Technical Support
- U099 Education and Training Other

**Corporate Data**

<b>Legal Name</b>	Heightened Senses LLC [or exact legal name]
<b>UEI</b>	SSZREV67GJK5
<b>CAGE</b>	9XFG8
<b>SAM Status</b>	Active Registration

**Insurance**

- One million dollars UAS liability coverage

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