

## GIS Subject Matter Expert

### Job Description

OneSky is a high-tech startup focused on harmonizing the sky by providing unmanned traffic management (UTM) software and services to safely integrate drone and advanced air mobility (AAM) aircraft into national airspaces. This position will directly contribute to OneSky's growth by providing hands-on geographic information system (GIS) expertise to support internal and external projects.

OneSky products use a wide variety of GIS information to provide analytic and visualization capabilities to our global customers. This position will support OneSky's internal engineering teams and external customers by providing expertise in the sourcing and integration of GIS data.

### Major Duties & Responsibilities

- Lead the identification and integration of GIS data sources into OneSky products
- Own the operation and maintenance of OneSky's GIS servers and tools
- Perform GIS data format translations
- Evaluate sources for terrain, imagery and building model data to support specific customer projects
- Help shape Uncrewed Aeronautical Information Management (U-AIM) requirements for the UTM industry

### Preferred Skills/Qualifications

- ★ Familiarity with: GeoJSON, 3DTiles, Quantized Mesh, LAS/LAZ, WMS/WMTS, CZML, KML, REST APIs, glTF, GeoTIFF, AIXM/FIXM
- ★ Familiarity with or passion to learn products and technologies such as: Ansys Geospatial Content Server (GCS), Cesium, Blender, QGIS, Esri products, AGI System Tool Kit (STK), Feature Manipulation Engine (FME)
- ★ Broad knowledge of GIS tools and concepts
- ★ Passion for applying GIS technologies to aerospace/aviation markets
- ★ Aviation certifications or licenses (e.g., Private or commercial pilot, Part 107, etc)
- ★ Detail-oriented
- ★ Self-starting personality with a problem-solving, can-do attitude
- ★ Able to work effectively in a fully remote yet tightly integrated technical team
- ★ Available for some travel (< 10%)

**Nondiscrimination Clause:** OneSky Systems Inc. (OneSky) is an equal opportunity/affirmative action employer. All qualified applicants will receive consideration for employment without regard to sex, gender identity, sexual orientation, race, color, religion, national origin, disability, protected Veteran status, age, or any other characteristic

protected by law.

**Drug-free Workplace Clause:** OneSky Systems Inc. (OneSky) agrees to (i) provide a drug-free workplace for all employees; (ii) post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of controlled substance or marijuana is prohibited in OneSky's workplace. Violations of this policy can/will result in disciplinary action and/or termination of employment.