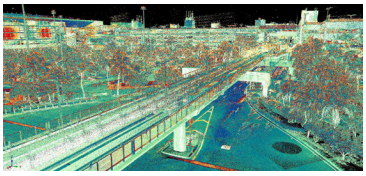
SOUTH CAROLINA AVIATION ASSOCIATION

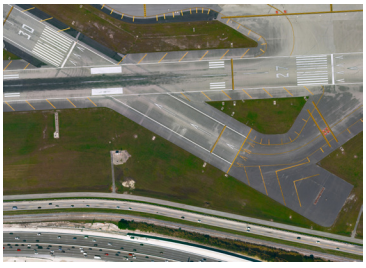
Corporate Spotlight

GPI

GPI Geospatial, Inc. (GPI) has been a premier provider of geospatial solutions for more than 47 years and ranks among the nation's leading experts in solutions for the Aviation Sector. FAA Certified staff have completed various surveys for general aviation and major international airports throughout the Eastern United States. GPI's aviation projects include obstruction analysis, base mapping for ALPs, design grade DTM for major improvements, and control surveys. The firm has the capacity and resources to provide geospatial services for projects of any size or complexity.



GPI's aviation mapping specialists are certified in FAA AC 150/5300 16B, 17C & 18B, with more than 40 years of experience conducting mapping surveys for airports. GPI offers high accuracy mapping capabilities for all types of airport projects, ranging from pavement analysis, intermodal connections, and Airport GIS mapping. For detailed resurfacing, asset inventory, and pavement assessment surveys, services include mobile scanning with our Riegl VMX-450 mobile laser scanning system. This system allows us to quickly collect vital runway data with minimum runway closures.



A single project, such as an airport expansion project, uses multiple platforms and sensors to generate a spatially accurate dense 3D point cloud. These are key tools for detection and mapping of obstructions; pavement condition analysis for runway and taxiway resurfacing; concrete rehabilitation projects; and collecting architectural and structural elements of terminals to aid in the development of a detailed Building Information Model (BIM). GPI uses the following advanced sensors to connect the airside and landside spatial data while maintaining compliance with FAA Advisory Circulars:

- Vexcel UltraCam Eagle Large Format Digital Camera Sensor
- Riegl VQ-1560i Dual Channel Airborne Mapping System coupled with a PhaseOne Camera
- Riegl LMS-Q680i Airborne LiDAR Sensor
- Riegl VMX-450 Mobile Laser Scanning System
- Riegl VZ-400i Terrestrial Laser Scanning System

GPI and the New Normal
Safe distancing is rapidly becoming the new normal for people, which not only affects their personal lives but also their daily professional routines. GPI are experts in using geospatial technology to collect highly accurate and detailed information remotely, without ever physically touching the object of interest and keeping everyone safe.

For more information visit **gpinet.com** or contact:

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