



ROBINSON

ROBINSON REACHING NEW HEIGHTS

Aerial Mapping & Photography ■ Surveys ■



Carlos Medina is a professional who really loves to fly.

Although he doesn't have a pilot's license, the 45-year-old attorney, entrepreneur and president of Robinson Aerial Surveys (RAS) is engineering an expanded flight path for his firm well-known for its aerial mapping and survey services.

Medina, a former Law Clerk for Superior Court Judge Nestor F. Guzman and later a senior vice president and senior project manager for his brother Robert's firm, Medina Consultants (now part of T.Y. Lin International, a global infrastructure consulting corporation), has added new services in construction management and related MEP services to his firm's service portfolio. Medina has also been a Board member of New Jersey Economic Development Authority, where he served as chairman of the Real Estate Sub Committee for several years. He is also a board member and officer of the New Jersey Statewide Hispanic Chamber of Commerce.

"Today, owners, especially those involved in complex megaprojects, recognize that they demand increased services from their contractors," says Medina. "We are well-known for our aerial mapping and surveying services, and now we are offering full-service construction management and MEP services."

The expansion of services is directly credited to the expertise that Medina himself brings to the firm.

In 2009, he purchased the controlling interest in Robinson Aerial and became its president. The firm, originally owned by C.S. Robinson, a civil engineer, avid photographer and aviation entrepreneur, focused primarily on aviation mapping and surveying. Today, Medina has expanded the firm's scope of services to include construction management and MEP services as well as Robinson's core aerial mapping and surveying services.

CERTIFIED AND QUALIFIED

Robinson focuses on complex transportation, site civil and building construction. The firm is a sole source that provides extensive pre-construction services, including aerial mapping and surveying as well as high-quality construction management services.

The firm is certified as a Minority and Disadvantaged Business Enterprise in New York, New Jersey and Pennsylvania. Robinson is certified as a Small Business Enterprise in New Jersey. Robinson is certified to provide MEP Design services in New Jersey and Pennsylvania. The firm has worked for over 10,000 public and private owners, developers and engineering and construction firms. Medina oversees the day-to-day operations of the firm with the assistance of Kurt Lutz, Director of Operations, a former pilot, 25-year RAS veteran and 20% owner.



STATE-OF-THE-ART AERIAL MAPPING AND SURVEYS

According to Medina, Robinson Aerial Surveys, Inc. (RAS) delivers the canvas that allows architects and engineers to create new designs. RAS has its own photographic laboratory, digital and analytical mapping systems and CADD platforms, making it a fully integrated mapping facility. The Aerial Division uses sophisticated cameras and global positioning satellite equipment for accurate imagery for transportation and development projects.

Robinson has an exclusive teaming agreement with a Trimble service provider for a Lidar Vehicle Mounted system which provides Mobile Mapping services. They are part of a team with Parsons Brinkerhoff who has been contracted by the NJ Department of Transportation to use this system on the Pulaski Skyway. Robinson's Lidar technology provides accurate data collection with reduced field time using both aircraft and truck mounted systems. Robinson is mapping the entire Pulaski Skyway and its roadway approaches using traditional aerial mapping, ground survey and truck mounted mobile mapping.

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WITH EXPANDED SERVICES Construction Management



REACHING NEW HEIGHTS IN DIVERSIFIED CONSTRUCTION SERVICES

Robinson's construction management team has been providing construction management services to their clients for over 35 years. With Carlos Medina's added expertise, the firm is now expanding its capabilities in this area. Adding their core services of aerial mapping and surveying to their services provides an additional competitive edge for the fast-growing Robinson organization.

Robinson is part of the 14th Street Viaduct (Hoboken, New Jersey) project team. They are responsible for inspection and monitoring services for this \$120-million replacement project.

The firm also recently completed a \$5-million addition to Warren County Community College in New Jersey. As the project's CM, they provided complete oversight for the 18-month project which was completed on time, on budget, without safety incidents and with rave reviews from the facility manager.

Robinson's CM services are comprehensive: pre-construction, value engineering, site inspections, bridge, building and roadway inspections, cost estimates, scheduling, shop drawings and as-built reviews, resident engineering, bid evaluation and preparation and change order analysis. ■

ROBINSON WINS SIGNATURE TRANSPORTATION PROJECT



NEW YORK AND NEW JERSEY AIRPORTS

In 2010, Robinson was awarded and subsequently completed FAA-compliant runway obstruction studies for JFK, Newark-Liberty and Teterboro Airports for the Port Authority of New York & New Jersey (PANYNJ). The value of these three projects totaled over \$1.3 million.



The PANYNJ also recently awarded Robinson the contract to deliver field-edited, photogrammetric base mapping for the Goethals Bridge Rehabilitation project. This fast-track project encompasses the bridge as well as its New York and New Jersey approaches, both vital aspects of the region's infrastructure.

ROBINSON AERIAL SURVEYS 76 YEARS OF EXCELLENCE



Established in 1936, Robinson Aerial has been best known for its quality aerial survey capabilities.

During the 1930s and the 1940s, the first aerial surveys of large areas of the United States were conducted to support government programs in soil conservation and forest management. Robinson Aerial Surveys was founded by C.S. Robinson, a civil engineer who worked for the New York State Park Commission. In 1931, he took to the air, taking photos of farms and cities and recording on film many of the bridges and dams he had designed for the Commission.

Over its 76-year history, the firm has been a technology leader in its field. Many of the firm's advancements were incorporated by the US Army, leading to the formation of Robinson Aviation, Inc.